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ALL THAT'S
BEST FOR
1961

Stafford Mums

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U. S. Department of Agriculture

Our 55th Annual List

STAFFORD CONSERVATORIES, Inc.
STAFFORD SPRINGS, CONN.
Overland 4-2751

CALL ORDERS

Many Customers prefer to call for their cuttings rather than have them shipped. **ORDERS PLACED IN ADVANCE** for **STAFFORD MUMS** can be called for at Stafford Springs on the day of the week most convenient to you. However, **THOSE WISHING TO SELECT ORDERS ON ARRIVAL MUST CALL ON THURSDAY, FRIDAY OR SATURDAY UNTIL NOON.** This policy is necessary due to the fact that shipments by express, etc., must be made early in the week.

METHOD OF SHIPMENT

All shipments F.O.B. Stafford Springs, Conn.

All orders shipped by EXPRESS unless requested otherwise, or a more convenient or lower cost service is available.

24 HOUR DELIVERY SERVICE

In a constant effort to have cuttings reach you promptly and in the best possible condition, we have made arrangements to provide a 24 hour delivery service direct to your door at very low rates.

The state of CONNECTICUT will be covered completely.

Many areas in states of MASSACHUSETTS and RHODE ISLAND will be covered. This service will be a direct, no transfer delivery at a considerable saving over Air Freight or Railway Express rates.

For those who may be outside these delivery areas, we have established pick up stations thru this service.

To find out the availability of these services kindly call or write us.

PARCEL POST SHIPMENTS —

Sufficient postage should be included when cash accompanies order.

On Credit Accounts actual postage is added to the invoice.

DELAYED OR DAMAGED SHIPMENTS

DO NOT REFUSE OR RETURN SHIPMENT. Have delivery Agent inspect and sign for the extent and nature of the damage.

YOU SHOULD FILE CLAIM FOR LOSS. Transportation charges are usually refunded when claim is paid.

Our responsibility ceases when we make delivery of cuttings in good condition to the Transportation Company. Notify us promptly and we will do our best to supply such varieties as you wish replaced. Your claim will reimburse you for the damaged shipment.

Should you have difficulty in collecting legitimate claims we will endeavor to help you if so requested.

TERMS OF SALE

PRICES QUOTED IN THIS LIST ARE WHOLESALE ONLY

F.O.B. Stafford Springs, Conn.

When ordering please enclose Billhead or Letterhead to establish identity for trade purposes.

MINIMUM ORDER 50 R. C. OF A VARIETY

Cancellations or changes on early booked orders must be received at least 30 days before shipping.

PARTIES OUTSIDE THE TRADE

ADD 25% TO THE PRICES QUOTED IN THIS CATALOGUE.

If less than 50 R. C. of a variety are wanted write for prices.

TERMS OF PAYMENT

CASH UNLESS CREDIT IS ESTABLISHED WITH US.

Cash and Early Order Discount. See Schedule Page 2.

C. O. D. ORDERS must be accompanied by one-fourth the amount of the order to guarantee acceptance.

DISCLAIMER

It is our policy and constant effort to secure and provide clean and reliable stock. We exercise every care to deliver to our customers the best stock available.

We give no warranty, expressed or implied, as to the productiveness of any stock, as we exercise no control over the conditions under which the stock is planted and grown by the purchaser. Therefore, we cannot be held responsible for the results produced. Our liability in any instance is limited to the purchase price of the stock in question.

We hold ourselves responsible for miscounts or misdirected shipments and will gladly make adjustments or replacements should they occur. These must be reported promptly. Please return packing sheets in such cases.

Complaints of any nature on stock supplied should be reported as soon as noticed and before crop matures or is disposed of.

PRICE SCHEDULE — PER SHIPMENT

MINIMUM ORDER 50 ROOTED CUTTINGS OF A VARIETY

50 ONLY each variety per 50	100-250 each variety per 100	300-450 each variety per 100	500-950 each variety per 100	1000 up each variety per 100
\$3.25	\$6.25	\$6.00	\$5.75	\$5.50
3.38	6.50	6.25	6.00	5.75
3.50	6.75	6.50	6.25	6.00
3.63	7.00	6.75	6.50	6.25
3.75	7.25	7.00	6.75	6.50
3.88	7.50	7.25	7.00	6.75
4.00	7.75	7.50	7.25	7.00
4.13	8.00	7.75	7.50	7.25
4.25	8.25	8.00	7.75	7.50
4.38	8.50	8.25	8.00	7.75
4.50	8.75	8.50	8.25	8.00

DISCOUNTS EFFECTIVE JANUARY 1, 1961

CASH AND EARLY ORDER DISCOUNT

Number of weeks order is received at
Stafford in advance of delivery date.

1 - 5 weeks	5%
6 - 9 weeks	7%
10 - 15 weeks	8%
16 - 21 weeks	10%
22 or more weeks	12%

CASH AND EARLY ORDER DISCOUNT

is available only when paid within 30 days
from date of invoice.

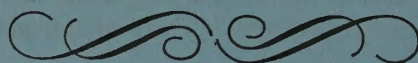
QUANTITY DISCOUNT

This discount applies to users of 5,000 or
more cuttings during the calendar year.

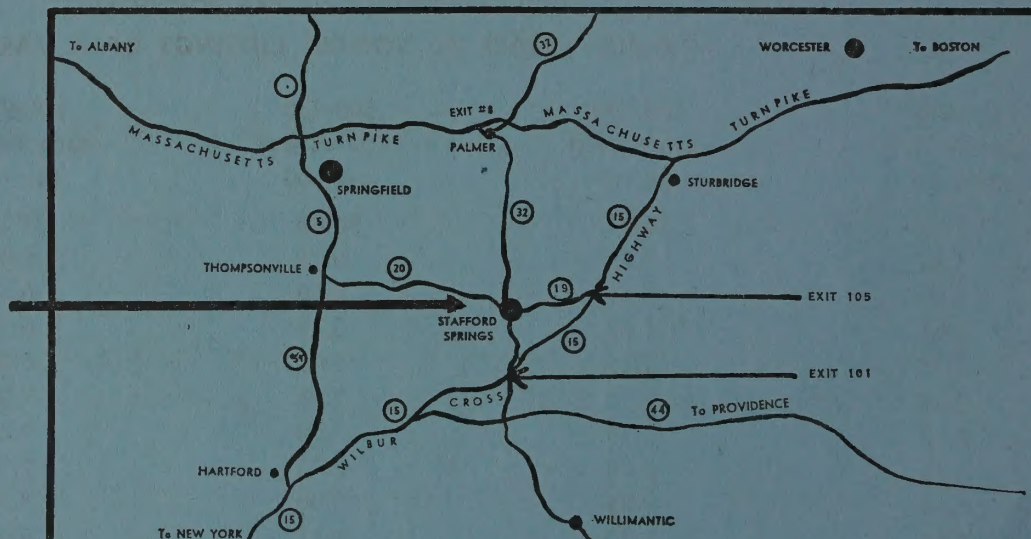
5,000	5%
10,000	10%
25,000	15%
40,000	20%

Discount credited as shipments reach dis-
count quota and is retroactive to cover all
shipments made during the calendar year.
Quantity discount available only if paid within
90 days from date of invoice.

Discount period on Changes or Additions to earlier booked orders effective from date of change.



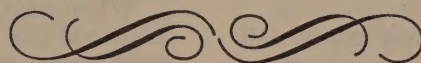
*Visitors are always
welcomed at the
Stafford Conservatories
Stafford Springs, Conn.*



CONTRACT PRICES

CONTRACT PRICES are available to year-round growers of Cut Flowers or Pot Mums.

We will set up program with you and determine a fixed price for Rooted Cuttings for the program. This enables you, the grower, to select varieties for different periods without having to absorb higher planting costs at various times. Under contract prices the cost of cuttings remain fixed throughout the program. Contract pricing is available to growers, depending on frequency and volume of shipments. We will be glad to provide further information if you are interested in this plan.



COLLECTIONS — OUR SELECTION OFFER

We will select Cuttings to meet your seasonal requirements at the prices below. Varieties will be selected by us from surplus stock at the time of shipment and cannot be restricted to other than Standards or Spray Types, Color and Flowering Period.

MINIMUM SHIPMENT AT THIS PRICE 300 R. C.

Quantities under 300 billed at list price of variety supplied.

300 — 450
\$6.25 per 100

500 — 950
\$6.00 per 100

1000 and up
\$5.75 per 100

Orders calling for 1000 or more and restricted to 50 of a Variety billed at \$6.00 per 100.

DISCOUNTS ON COLLECTION PRICES

5% Cash Discount 30 days.

10% Discount on 10,000 R. C. or more

GIVE INFORMATION BELOW WHEN ORDERING.

STANDARDS

QUANTITY

FLOWERING PERIOD

NORMAL OR SHADE

SPRAY TYPES

QUANTITY

FLOWERING PERIOD

NORMAL OR SHADE

GROWING 'MUMS FROM START TO FINISH

The first step if you are not experienced in growing 'MUMS is to acquaint yourself with their habits and needs, then be prepared to take care of them as they progress in growth. We give below basic details which we find are most widely used among reputable growers in this section of the country. The grower will soon learn by his own experience how to modify or elaborate on these instructions.

The successful grower will figure out his planting schedule, many months or a year in advance. This not only helps you but the supplier of young stock to have sufficient stock for the particular planting date. Have the space ready for them and plant the cuttings on arrival or as soon as possible. The cuttings you receive will be grown under modern conditions, from the cleanest stock available, and as free from disease and premature buds as modern methods can produce. Failure to carry out and properly execute each step at the correct time will show its effect in the growth and quality of your finished product.

SOIL — Preparation and Fertilizing

'Mums grow well in most soils. Moderately porous soil is best. This can be made by the addition of peat or manure but knowing the behavior and nutrient content of your own particular soil is important. Soil tests will give you this information and if you cannot do this yourself, your Agricultural College or Experiment Station will be glad to do it for you.

Before sterilizing or planting, add lime and superphosphate as needed. (In case of steam sterilizing these materials should be added before sterilizing.) Use about 3-5 lbs. to 100 sq. ft. of bench space. Nitrogen and Potash can be added after the plants have become established and start to grow. These elements can be applied in dry or liquid form according to the growers preference. A complete dry fertilizer such as 5-8-7 or 5-10-5 or any of the water soluble fertilizers can be used.

SAFE NUTRIENT RANGE FOR ESTABLISHED PLANTS

Nitrogen	25-50 ppm
Phosphorous	2½-5 ppm
Potassium	20-40 ppm

These readings may be lower on fast growing plants and still be sufficient. Also if you are using constant feed application, they will run on a lower average.

SOIL STERILIZATION

Sterilizing the planting soil is vitally important in destroying such diseases as Verticillium wilt, nematodes, and other destructive organisms carried in the soil. To insure a quality crop under successive flowering it is advisable to sterilize at least once a year or for every other crop. The cuttings supplied, while free of diseases when received will pick up various diseases from the soil they are planted in, unless it has been properly and thoroughly sterilized.

Before sterilizing be sure to loosen all soil thoroughly as steam or chemicals cannot penetrate hard packed soil satisfactorily.

In addition to producing a better crop sterilizing also proves to be economical in allowing reuse of valuable soils and humus, and saving on costly labor involved in changing soils and weeding.

Sterilizing can be done with either Steam or Chemicals. With steam sterilizing, which is most practical, it is necessary first that the soil be moist before sterilizing and that a temperature of 180 degrees fahrenheit be maintained throughout the entire soil mass for a period of not less than one half hour.

Chemical sterilizing such as Vapan or Chloropicrin can be used where steam is not available and circumstances will permit it. The soil should be at least 60 degrees fahrenheit and the greenhouse being treated should have no other living plants in it, as chemical reactions will destroy them. There are a number of chemicals suitable for this work, but whatever is used, follow the manufacturer's instructions carefully.

HIGH SALTS DAMAGE FOLLOWS STERILIZING

When using old soils, or soil used for a previous crop, it should first be sterilized. Then watch for high soluble salts which may be present 2 weeks after sterilization. These salts cause plenty of trouble to 'Mums. They are the residue of fertilizers used on the previous crop, and will kill the roots of young cuttings or seedlings, or result in a poor sickly crop. These salts can be washed out of the soil by HEAVY LEACHING with water, giving two or three applications in succession. High salts do not necessarily mean high nutrient levels. You can have high salt and low nutrient levels. After you get rid of the high salts you should continue with a regular feeding program, as you wash out all your fertilizer as well as the salts. The use of liquid or water soluble fertilizers also helps to reduce salt hazard.

GOOD DRAINAGE IN BENCHES IS ESSENTIAL.

PLANTING AND SPACING

The time of planting will be determined by the blooming date, or response group, quality and size of flowers, and pinching if desired. For normal flowering allow about three weeks from planting to pinching. Normal pinch date is given with each response group listed in the general catalogue of varieties. For the off season program refer to schedule outlined in this catalogue for planting and pinching data.

Plant cuttings shallow, not over one inch deep and directly to permanent benches if possible, soon as the cuttings are received. Keep roots of the cuttings protected at all times while planting. Exposure, especially to hot sun and wind, will destroy the root action in a few seconds.

If space is not ready when cuttings arrive they should be potted or banded to keep them soft and growing. Here again, careful attention should be given to see they are put in fresh or sterilized soil, so as to keep them free of verticillium wilt and other soilborne diseases. Be sure not to let them stay too long in this crowded condition. Shading newly planted stock on very hot sunny days for the first couple of days will help considerably, as well as, frequent spraying with water over the tops of the cuttings. They should not be allowed to wilt.

Spacing will depend on the quality desired as well as the time of year and number of pinches. Standards are generally spaced 7 x 8 or 8 x 8, grown two stems to the plant. Some growers allow three flowers to come on the outside rows where light is more abundant. For single stem culture 6 x 5 or 6 x 6 is ample. Pompon spacing depends on method of pinching and varieties. Some varieties have much heavier foliage than others and require more space. For the one pinch method 6 x 8 or 7 x 8 is fairly standard. For 2 pinch method 8 x 9 or 9 x 9 will be sufficient. For single stem production 4 x 6 or 4 x 7 is about right. The general rule followed is to give each flowering shoot approximately 20 sq. in. of space.

WATERING

Chrysanthemums require lots of water, especially when grown on raised benches and if you have a good porous, well drained soil. Water heavily after planting and then spray or sprinkle plants for a few days until they have taken hold. Do not let them wilt if possible. Once the foliage gets heavy do not water overhead and by no means allow the foliage to be wet overnight. Keep the foliage dry and the soil moist.

PINCHING

Pinching means the stopping of the upright growth of the plants by cutting or breaking off the growing tip of the plant stem. It is done to increase the number of stems per plant, to control type of bud formation and to keep plants shorter in growth. This will cause a number of breaks or shoots to appear. The plants should be pinched soon after the cutting takes hold and starts to grow freely. Usually only the tip of the stem is removed when under fast modern production. Do not pinch down into the hard stem. Thinning the breaks down to about 3 shoots to the plant on pompon varieties and 2 shoots on the Standards usually give best results. Normal pinch dates are given in the general listing of varieties. For the off season cut flower or pot plant program refer to pinch dates in the desired schedule.

LIGHT AND TEMPERATURE

Except for the first few days when the young cuttings are planted or potted, Chrysanthemums require all the light they can get. If shade is on the roof from summer it is best to remove it at least by the 1st of September. Chrysanthemums are no longer considered a cool crop. A minimum of 50 degrees or better still 55 to 60 degrees night temperature is considered best for all stages of growth for normal flowering. This is particularly important during bud initiation as too low a temperature will prevent buds from forming properly and likely result in some blind growth. Temperatures too high, 90 degrees or over, which can occur under black cloth, is also bad as it tends not only to slow down the crop but fades the pink, red and bronze shades.

INSECTS — PREVENTION AND CONTROL

It is very important to keep the stock clean and free of injurious insects. The best way to insure this is to start spraying the plants about two weeks after planting and to spray at intervals of every two or three weeks until color shows. You will find it easier to keep them clean than to wait until infestation shows up and causes damage, then have the task of trying to get the best of it.

A good general purpose spray for Chrysanthemums:

Material	Amount to make		
Water	100 Gal.	25 Gal.	3 Gal.
DDT 50% wettable powder (during Summer and Early Fall).	1 lb.	1/4 lb.	1 1/2 tbsp.
Malathion 25% wettable powder	2 1/2 lbs.	10 oz.	4 tbsp.
Parzate, or Fermate	1 1/2 lbs.	5 oz.	2 tbsp.
DuPont Spreader sticker - or other spreading agent such as Dreft, may also be used	6 oz.	2 tbsp.	1 tsp.

Mixing Procedure — Put all dry ingredients into a can or pail. Add small amount of water, stir to make a thin paste. Put a small portion of the water to be used into the spray tank. Add above mixture slowly, stirring constantly, (run agitator while adding the mixed solution). Add balance of water and be sure it is well mixed before using.

DISBUDDING

It is extremely important that you take the time to select the flowering buds on Standards as soon as they appear and are sizeable enough to remove. If the crop was planted and pinched on or near the recommended dates, flower the first bud that appears. In other words, as soon as a bud of any kind appears, remove all side shoots and let the center bud flower.

SUPPORTING THE PLANTS

To grow good flowers with good stems it is essential to keep the plants properly supported at all times.

The wires and cross string method is least work, most economical and practical. Start supporting the plants soon as they are established and either add additional layers of wires and cross strings or move the first layer up about every 10 to 15 days depending on growth.

TO PREVENT PREMATURE BUDS

ALL Mum cuttings including Garden Varieties, need additional light, according to their response group, during certain times of the year so as to prevent premature buds, when grown in temperatures over 50 degrees. See "Additional Lighting Schedule" and "Year 'Round Lighting and Shading Schedule" on page 22.

THE CONTROL OF PESTS AND DISEASES

EFFECTING CHRYSANTHEMUMS

Our own controls for most common Chrysanthemum Pests and Foliar Diseases are: D.D.T. as a spray or dust, Systox in soil as a systemic, Malathion as a spray, Parzate as a fungicide, alternating Aramite, Aramite and Lindane, and Parathion as Aerosol bombs. There are many other controls that are equally effective which can be used.

PESTS	CONTROLS
Red Spider	Malathion or Parathion as a spray. Systox as a systemic in soil. Aramite or Parathion Aerosol bombs. Alternate bombs for best results. For Resistant Spider Alternate Dithio and Chlorobenzilate bombs.
Thrips	Lindane, Malathion bomb or spray. D. D. T. dust or spray.
Aphids	Malathion or Parathion bomb or spray. Lindane or Thiodan as a spray. Parathion pressure fumigators also useful for small areas, especially when aphids attack open flowers.
Leaf Roller — Midge Tarnish Plant Bug or Cinch Bug	Parathion bomb, spray or dust. D. D. T. spray or dust.
Mite: Glazed brown appearance on underside of foliage.	Endrin spray very effective.
Foliar Nematode: Tiny Eelworms inside leaves causing brown blotches.	Parathion spray. Systox in soil 3 to 4 weeks after planting. O M P A Bomb.
Septoria Leaf Blight Black Spot	Regular spraying with either Parzate, Fermate or Captan. Keep houses clean. Ventilate freely.
Verticillium Wilt	Outer edges of leaves turn yellow. General wilting of leaves usually starting at bottom and working up. Little can be done for current crop. Sterilize Soil and use Verticillium free cuttings before replanting.
Botrytis or Petal Rot	Dust or spray weekly with Parzate. Keep air circulating, ventilate and heat. Keep humidity down. Portable fan installation very effective. C. M. 19 as a spray, as crop nears maturity (Eliminates Residue.)
Pythium Due to humid growing conditions. Deterioration of stems usually below soil line causing wilting of plants.	Remove and Destroy wilted or diseased plants. Air houses well. Allow plants to dry thoroughly between waterings. General cleanliness essential as disease is spread rapidly by hands and tools. Sterilize soil before reusing. Captan as drench — 1 to 1¼ lbs. 50% Wettable powder to 15 Gal. water per 100 sq. ft. of bench.
Bacterial Blight Wilting and discoloring of plant tips and foliage, usually from forcing plants into soft rapid growth, or during hot humid weather.	Precautions — same as for Pythium, described above. No recommended chemical treatment.
Rhizoctonia Cause and symptoms similar to Pythium, but produces cankerous and at times fungus growth above soil line.	Precautions — same as for Pythium. Treatment — Terraclor — 2¼ lbs. 75% wettable powder to 300 Gal. Water per 1000 sq. ft.
Mildew: White powdery growth on upper side of leaves.	Spray wettable Sulphur with spreader. Mildex as a spray. Keep well ventilated.

WHITE STANDARDS

Stafford Mums

VARIETY	MATURES	PRICES PER 50
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VARIETY	MATURES	PRICES PER 50
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8 WEEK VARIETIES (Pinch July 14)

WHITE PINK CHIEF Oct. 15 3.50
Intermediate pure white incurved. Responds well under high temperatures. Pink tinge when finished cool. Summer Shade programs and normal under glass.

SILVER SHEEN Oct. 20 3.63
Intermediate incurved, clear white. September shade and normal under glass.

9 WEEK VARIETIES (Pinch July 21)

MARBLEHEAD Oct. 25 3.88
Medium clear white incurved. Will support 4 and 5 stems per Plant with well shaped flower. Good for fast disbuds and summer flowering, June thru October. Larger than Thamesong.

QUEENS LACE Nov. 1 3.75

Reliable White Spider. Temperature tolerant Standard and Fast Disbud programs. Novel Pot Plant requiring tall treatment.

WILSON'S WHITE Nov. 1 3.88
Intermediate incurved, for pots only. Best flowered under higher light intensities April thru November.

DONLOPE'S WHITE SPIDER Nov. 1 4.13
Large straight quilled ivory white spider characterized by durable flowers on strong stems. Best flowered April thru November.

10 WEEK VARIETIES (Pinch July 28)

GIANT BETSY ROSS Nov. 5 3.25
Large incurved flower that is still the best flower for high temperature periods when Indianapolis Varieties cannot be recommended. This is the Mum that is the largest and most reliable for mid-June to mid-September.

INDIANAPOLIS WHITE Nov. 5 3.25
Large incurved white. Responds well in all programs. Requires full 60° degree temperature for northern winter flowering.

IMP. INDIANAPOLIS WHITE Nov. 5 3.25
Recommended for flowering December thru April. Reduces quilling and pinking during this period. Will withstand slightly lower temperature than Ind. White.

#3 INDIANAPOLIS WHITE Nov. 5 3.25
Selection from Ind. White that does not quill under winter low light and temperature conditions. Noticeably larger than the Improved Ind. White, of whiter color, and superior in its form retention and depth of flower. Best selection to date from Indianapolis White.

OREGON Nov. 5 3.38

Best white pot mum available for all periods. Perfect companion to the Delawares for convenient programming. Strong breaking action, when Short Treatment used, producing large white blooms that give maximum show for specimen Pot Mums.

NIGHTINGALE Nov. 5 4.13

White Spider variety with a chartreuse green overcast. Offers the something different for retail trade.

FRED SHOESMITH Nov. 12 3.50

Here is a large, incurved White standard that is consistently larger than the Indianapolis varieties and usually flowers about seven days later than they do in any Off Season program. Shoesmith varieties are most reliable when grown under pinched programs. Does not display winter quilling or pinking.

11 WEEK VARIETIES (Pinch Aug. 4)

MEFO Nov. 15 3.25
Large incurved ivory white standard. Very reliable 'Mum for January thru March in northern programs, where some find it better than the Indianapolis or Shoesmith varieties.

MARKETEER Nov. 18 3.75
Intermediate semi-curved. Best grown as pinched crop. May be used for pinched or single stem pots.

12 WEEK VARIETIES (Pinch Aug. 11)

IMP. WHITE PETER JOHN Nov. 25 4.13
Large reflex. Clear white. This is a real improvement.

CHATTANOOGA Nov. 25 3.75
Large incurved clear White, for thanksgiving.

DECEMBER GLORY Dec. 1 4.25
Intermediate perfectly incurved. White.

WHITE STANDARDS (Cont.)

VARIETY	MATURES	PRICES PER 50
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13 WEEK VARIETIES (Pinch Aug. 18)

SMITH'S LATE WHITE	Dec. 13	3.75
Intermediate incurved, Ivory white. Best late white available. Can be held to late December if finished cool.		

VARIETY	MATURES	PRICES PER 50
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Modern business demands . . .

*A personal business relationship with
qualified specialists.*

These are yours at Stafford Conservatories

YELLOW STANDARDS

8 WEEK VARIETIES (Pinch July 14)

GOLD LODE	Oct. 15	3.75
Intermediate incurved, deep lemon yellow.		
MRS. KIDDER	Oct. 20	3.63
Intermediate incurved, deep lemon yellow.		

BLAZING GOLD	Oct. 23	3.88
Intermediate semi-incurved, deep golden yellow. Standard or fast disbud. Good for single stem or pinched spring pots.		

9 WEEK VARIETIES (Pinch July 21)

SUNGLOW	Oct. 25	4.13
Intermediate, golden yellow, incurved.		
LUYONA	Oct. 25	3.50
Large deep yellow spider on strong rigid stem. Growing and flowering habits generally preferred to those of the Lace varieties. Good companion to Donlope's White Spider and Bunbu. Can be flowered at any time of year.		
YELLOW MARBLEHEAD	Oct. 25	3.75
Medium yellow incurved standard that will support and develop a maximum of breaks per plant. Very good for disbud programs, or for the retailer looking for smaller and neater mums that offer greater versatility for the designer.		

GOLDEN MARBLEHEAD Available April 15	Oct. 25	4.13
This selection provides a larger, deeper colored flower than Yellow Marblehead. Will replace the parent variety. Same outstanding production when pinched.		
YELLOW LACE	Nov. 1	4.13
Light lemon spider. Reliable for all programs.		
GOOD NEWS	Nov. 1	3.50
Intermediate deep lemon yellow. Very durable flower. Best partner for Giant Betsy Ross for high temperature periods when Indianapolis varieties cannot be recommended.		
GOLDEN BOY	Nov. 1	4.25
Deep lemon yellow incurved standard. Heavy rigid stems with flower size larger than Good News. Flower is softer than News but very resistant to high temperature burn. Best grown pinched May thru Normal flowering.		

10 WEEK VARIETIES (Pinch July 28)

INDIANAPOLIS YELLOW	Nov. 5	3.25
Incurved lemon yellow. Largest of the yellow Indianapolis varieties.		
IMP. INDIANAPOLIS YELLOW	Nov. 5	3.25
Tighter form and slightly darker than Ind. Yellow. Generally preferred for northern winter Indianapolis flowering.		
OREGON TRAIL	Nov. 5	4.50
Large semi-incurved. Light cream yellow sport from Oregon, (The top ranking White for Pots). A year round pinched pot mum but especially good during periods of lower light intensity.		

YELLOW DELAWARE	Nov. 8	3.25
Deep yellow semi incurved standard. Tops the field for pots. This is the ideal growth habit and flower size for all flowering periods. The real bread and butter variety for any pot program.		
YELLOW PRINCESS ANNE	Nov. 10	4.00
Large decorative standard. Sulfur yellow. A very responsive, uniform and efficient pot variety. Outstanding grown as single stem pots and equally valuable pinched. Its Beautiful form provides maximum color display. Color will not tolerate extreme summer heat.		
GOLDEN PRINCESS ANNE	Nov. 10	4.00
The best variety for winter and early spring pot mums. Large decorative form that does not tinge bronze. Sets buds at 56°, is uniform in response with wide breaking habit. Can be raised single or pinched, fall, winter, and spring. Tall treatment. Also makes excellent disbud.		

YELLOW STANDARDS (Cont.)

VARIETY	MATURES	PRICES PER 50
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GOLDEN FRED SHOESMITH	Nov. 12	3.88
Slightly larger than Yellow Fred Shoemsmith with a more intense color. Retains all characteristics of parent and may be flowered for same periods. The Shoemsmith varieties seem to be most reliable when grown as a pinched crop.		

11 WEEK VARIETIES (Pinch Aug. 4)

YELLOW MEFO	Nov. 15	3.50
Large incurved deep lemon yellow. Reliable variety for programs November thru April.		

CREAM MEFO	Nov. 15	3.88
Pleasing light yellow sport of Mefo. Most vigorous of the Mefo family. Produces larger flowers than Yellow Mefo. May be flowered whenever Mefos are recommended.		

YELLOW MARKETEER	Nov. 18	4.25
Intermediate semi-incurved lemon yellow. Best grown as pinched crop. May be used for pinched or single stem pots.		

12 WEEK VARIETIES (Pinch Aug. 11)

DK. YEL. CHATTANOOGA	Nov. 25	3.88
Large incurved, deep lemon yellow.		

GOLDEN PEARSON	Nov. 25	4.00
Intermediate incurved. Soft yellow for normal flowering.		

GOLDEN MRS. ROSS	Dec. 3	3.75
Large incurved, light golden yellow.		

13 WEEK VARIETIES (Pinch Aug. 18)

SMITH'S YELLOW	Dec. 10	4.00
Lemon yellow sport of Smith's White. More pleasing color and larger bloom than Tobin's Yellow.		

VARIETY	MATURES	PRICES PER 50
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YELLOW SHOESMITH	Nov. 12	3.63
Pleasing yellow sport of Fred Shoemsmith. More compact than parent resulting in slightly smaller size, but compactness increases its desirability from handling standpoint.		

BONNAFFON DE LUXE	Nov. 20	3.25
Intermediate deep yellow incurved. Prolific breaking action resulting in fine flower mass for pot plants. Time tested variety. Requires 65° minimum temperature during bud initiation and early development.		

HARVESTER	Nov. 23	3.63
Intermediate incurved, deep lemon yellow. Most popular variety for normal Thanksgiving flowering.		

MARIE DE PETRIS	Nov. 23	3.88
Large incurved, deep yellow for Thanksgiving.		

GOLDEN PRINCESS ANNE requires two weeks less bench time than does Yellow Delaware. This cuts down crop cost and allows for more production during the year.

The Princess Anne Varieties make nice Single Stem Pots during the Winter and early Spring months when the Delawares are unsatisfactory under single stem programs.

TOBIN'S YELLOW	Dec. 13	3.75
Intermediate incurved, light lemon yellow. Sport from and perfect companion to Smith's Late White.		

BRONZE & RED STANDARDS

9 WEEK VARIETIES (Pinch July 21)

BRONZE PALMERO	Oct. 28	4.50
Large semi-incurved, Coral bronze. Very responsive and uniform. Does not burn. Holds color well in high temperature periods. May be used for single stem pots, as well as regular and fast crops.		

DETROIT NEWS	Nov. 1	3.75
Large incurved bronze. Reliable variety for periods when Indianapolis Varieties cannot be used. Best color when finished cool.		

FRED YULE	Nov. 3	4.00
Intermediate incurved. Glowing orange bronze. Best grown as pinched crop. Good May thru November.		

10 WEEK VARIETIES (Pinch July 28)

WAIKIKI	Nov. 5	4.50
Large durable Red Bronze Spider.		

INDIANAPOLIS BRONZE	Nov. 5	3.25
Large semi-incurved reddish bronze. Outstanding for pots for all programs. Color deepest when finished cool.		

BRONZE & RED STANDARDS (Cont.)

VARIETY	MATURES	PRICES PER 50
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DARK INDIANAPOLIS BRONZE Nov. 5 3.25

Large incurved dark bronze. Better color expression and retention during high temperature periods, than Ind. Bronze.

11 WEEK VARIETIES (Pinch Aug. 4)

BALCOMBE PERFECTION Nov. 18 4.13

Here is a nice addition for normal Thanksgiving flowering. An intermediate incurve, copper bronze standard that is benefitted by cool finishing temperatures.

RED BALCOMBE PERFECTION Nov. 18 4.13

Intermediate incurve standard of outstanding red color with copper reverse. The Balcombe varieties are not tall growers and are benefitted by additional long days under programming.

MRS. EISENHOWER Nov. 18 4.50

Golden bronze spider. Nice growth habit.

VARIETY	MATURES	PRICES PER 50
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DELAWARE Nov. 8 3.25

Large incurved buff-bronze.

MRS. ROY Nov. 13 3.88

Large incurved, red with copper reverse.

BEACON Nov. 20 4.50

Large, very durable, semi-incurved standard. Rich reddish bronze with gold reverse. Strong, stocky growth habit. Good color retention. Recommended from late Sept. until normal flowering.

CALVERT'S GOLD Nov. 20 4.00

Intermediate golden-bronze, semi incurved. Suitable for pots, or as cut flower.

VALENTINE Nov. 20 4.00

Medium-size red disbud. May also be used for pots. Will initiate and develop buds at 56°.

12 WEEK VARIETIES (Pinch Aug. 11)

GLADYS PEARSON Nov. 25 4.00

Intermediate incurved, light bronze.

#2 OAK LEAF Nov. 25 3.75

Selection improves the form of Oak Leaf, being more tightly incurved. Color and size the same.

PINK STANDARDS

8 WEEK VARIETIES (Pinch July 14)

PINK CHIEF Oct. 15 4.00

Intermediate incurved, lavender. Withstands lower temperatures. Valuable for outside shade.

9 WEEK VARIETIES (Pinch July 21)

BUNBU Nov. 1 3.75

A large, fully double, medium lavender pink spider. Outstanding growth habit renders the variety much superior to Mary Garden for regular standards or as fast disbud, from April through November.

BLUE RIBBON Nov. 1 3.63

Bright lavender pink incurved. Outstanding pot plant variety, year 'round. Holds color well.

HEAT BUILD UP UNDER CLOTH

This has to be watched. Be sure to read the captions regarding Shading and Heat Delay on page 22 of this catalogue.

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SHADING — Up until the first of September it is best to shade until color shows. During the month of September it is permissible to stop shading when bud is swelled.

PINK STANDARDS (Cont.)

Stafford Mums

VARIETY	MATURES	PRICES PER 50
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VARIETY	MATURES	PRICES PER 50
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10 WEEK VARIETIES (Pinch July 28)

INDIANAPOLIS PINK Nov. 5 3.25
Large incurved, deep lavender. Unequaled variety, for flowering at any time of year except from late June through early September. Maintains fine form even through low light conditions.

DARK ORCHID QUEEN Nov. 10 4.00
Large incurved dark lavender. Can be flowered September thru May.

LAUGHTER Nov. 10 3.88
Intermediate deep lavender, semi-incurved. Vigorous growth habit. Only pink Mum available to date for summer flowering that is dependable. Does not fade rapidly and offers a medium sized standard. Reliable fast disbud year-round.

PRINCESS ANNE Nov. 10 3.75
Large decorative standard. Salmon pink. Valuable new color and form addition for the mid September through mid May pot program. Single stem pots are superlative especially when cool finishes can be provided. Pinched pots spread and break well with excellent uniformity and response.

PINK FRED SHOESMITH Nov. 12 4.50
Large light pink sport of Fred Shoemith. Maximum color expression obtained only with cool finish. Habit and response are identical to parent variety, increasing the color range for this outstanding family.

11 WEEK VARIETIES (Pinch Aug. 4)

CALVERT'S PINK Nov. 17 4.25
Intermediate orchid pink suffused with salmon. Unsurpassed for Thanksgiving.

THANKSGIVING PINK Nov. 23 4.00
Intermediate reflexed, amaranth.

12 WEEK VARIETIES (Pinch Aug. 11)

PINK PETER JOHN Nov. 25 4.00
Large reflex, light Orchid Pink.

ROSE HARRISON Dec. 3 4.25
Large reflex with a true shell pink color.

13 WEEK VARIETIES (Pinch Aug. 18)

PINK MISTLETOE Dec. 5 4.13
Intermediate incurved, lavender. Best color expression with cool finish.

THE CHIP FAMILY

With the addition of Whitechip to this 1961 listing we now offer a complete color range in this very popular variety. However the versatility of Whitechip is not as great as the other members. The present recommendations on Whitechip are that it be flowered only from June thru September as it will finish pink without warm temperature finishes.

WHITE POMPONS, SINGLES AND ANEMONES

7 WEEK VARIETIES (Pinch July 7)

CHRISTOPHER COLUMBUS Oct. 1 4.50
A pleasing cream colored medium sized decorative pom. Very prolific in the garden. Outstanding for Spring and Fall pots. Good cut flower variety.

HORIZON Oct. 5 3.75
Intermediate decorative pom, produced on good sprays with excellent stem and foliage. Very good cut flower

under glass or in the garden as well as for Spring pot plants.

SILVERPLATE Oct. 12 4.50
Medium decorative, pure white. Cut flower and Spring pot plant program.

WHITE POMPONS, SINGLES AND ANEMONES (Cont.)

VARIETY	MATURES	PRICES PER 50
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VARIETY	MATURES	PRICES PER 50
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8 WEEK VARIETIES (Pinch July 14)

BLIZZARD Oct. 15 4.13
Small formal pompon. Clear white, durable flowers on well formed sprays. A very prolific cut flower and garden variety useful under glass or in the cloth house.

PRISTINE Oct. 20 4.25
Pure white, intermediate pompon. Good response to all shade programs.

9 WEEK VARIETIES (Pinch July 21)

POPCORN Oct. 25 4.00
Intermediate pompon. Pinkish white tinges that diminish with higher temperatures.

WHITE POPCORN Oct. 25 3.50
Intermediate pompon, cream-white. No traces of pink. Short and prolific growth habit.

KEEPSAKE Oct. 25 3.75
Intermediate pompon, Cream-white. Temperature tolerant, suitable for all shade programs. Slight pinking with low finishing temperatures.

WHITE KEEPSAKE Oct. 25 3.63
Intermediate ivory pompon. Good April thru October.

PINOCCHIO Oct. 25 3.38
Small white pompon, Very heavy producer. Good response to all programs.

SONGSTER Oct. 25 4.50
Intermediate white pompon. Good response to Summer programs.

MEMENTO Oct. 30 3.63
Intermediate chalk white single with green discs and durable petals that retain their original form into ma-

turity. Reliable cloth house variety July thru Oct. and in greenhouse May through Oct.

WHITECHIP (Available April 15) Nov. 1 4.50
This selection rounds out the color cycle on the Chip family. It does not have the same versatility as do the other Chips because of pinking under cool finishes, but it provides the reliable white pom for flowering during the hot periods when Icebergs can stall. A topnotch variety for June thru September flowering.

SEA GULL Nov. 1 3.88
Intermediate pompon, ivory white.

ALASKA Nov. 1 3.50
Intermediate White anemone with white cushion. Good for Spring and Fall shade program.

THISTLEDOWN Nov. 1 4.00
A clear white novelty that improves Snowdrift in color clarity and offers a larger flower. Characterized by open terminal growth it is a designers delight for adding distinction to their work. Wholesalers find a definite demand for flowers of this type, and they do much to foster increased sales.

10 WEEK VARIETIES (Pinch July 28)

ICEBERG Nov. 5 3.25
Here is an outstanding large white pompon that can be raised the year 'round. Requires 60° for bud initiation. Offers a productive 10 week variety for northern programs. Benefited by center bud removal. Excellent for disbud program.

WHITETOP Nov. 5 3.25
Intermediate decorative, pure white. Responds well to all programs. Many consider this to be the most dependable variety for outside shade.

SUPERTOP Nov. 5 3.50
The largest and most beautiful decorative form selected from Whitetop to date. Its increased size is combined with a flat form that does not reflex like the parent.

FEATHERTOP Nov. 5 4.00
One of the most distinctive poms, characterized by strong and vigorous growth. The clear white petallage is feathered and partially tubular surrounding a green center that closes with development. Usable in all 10 week programs.

ENCORE Nov. 5 3.88
Intermediate pompon, pure white. Clean grower.

WHITERION Nov. 8 4.50
Clear white sport of Criterion. Will pink if not finished at 60°. Recommended year round using medium treatment.

SHASTA Nov. 10 3.25
Large anemone, white, yellow cushion. Very dependable. Tolerates 56°. Best anemone for all season programs.

WHITE POMPONS, SINGLES AND ANEMONES (Cont.)

Stafford Mums

VARIETY	MATURES	PRICES PER 50
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WHITE PENNANT Nov. 10 4.50

Pure white sport of Pennant. This large flowering, productive pom will tolerate 56° and is a dependable performer March thru November. Same strong growth and durable flower will compare favorably with Iceberg without the need for the full 60° during northern winters and without the Pythium problems experienced by some growers with the Iceberg varieties.

11 WEEK VARIETIES (Pinch Aug. 4)

SCULPTURE Nov. 15 4.13

Large ivory-white single. Very strong growth habit. Valuable in January and February flowering.

WHITE TAFFETA Nov. 15 3.88

Intermediate decorative, pure white sport of Taffeta. Taffeta family provides fine companions for Sculptures for northern winter flowering.

SEAFOAM Nov. 20 4.25

Intermediate pompon, white.

L. I. BEAUTY Nov. 20 3.63

Large anemone, white, yellow center.

HIGHBROW Nov. 20 3.75

Intermediate decorative, ivory-white. Very productive quality pompon.

PRISCILLA Nov. 20 4.00

Intermediate pompon, ivory-white.

12 WEEK VARIETIES (Pinch Aug. 11)

ILLINI PEACE Nov. 25 4.50

Intermediate white anemone. Very productive partner to Illini Wampum.

WHITE VALENCIA Nov. 28 4.00

Large single, white. May be disbudded.

13 WEEK VARIETIES (Pinch Aug. 18)

ACCLAIM Dec. 5 3.75

Large formal pompon, clean growth. Outstanding quality pompon in Northern programs.

ILL. ALBA Dec. 5 4.50

A beautiful chalk white daisy that does not pink either from low temperature or from aging. Alba will tolerate 56 degrees for initiation and development and offers dependability for winter programs. Improvement on Yukon.

ILLINI STARLET Dec. 10 4.38

Small anemone, white. Improvement on Garza.

VARIETY	MATURES	PRICES PER 50
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LITTLE AMERICA Nov. 10 3.50

Intermediate anemone, pure white. Good for Pots and Shading programs.

ILLINI IGLOO Nov. 10 3.50

Intermediate white Formal pompon, creamy center. Very productive. Good year 'round.

ILLINI SNOWDRIFT Nov. 12 3.38

Quilled, intermediate decorative. Responds well to all 10 week programs.

GRECOS CARNATION Nov. 20 4.50

A clear white intermediate pom with finely serrated petals creating a form somewhat similar to that of a carnation. This pom is not a novelty but rather a much needed clear white for its natural season. In as much as the variety performs best with high light intensity it should not be used in light programs.

WHITE DELMAR Nov. 20 3.88

White intermediate pom for Thanksgiving. Tinges pink when finished cool. Should be grown at 60°.

NEVADA Nov. 20 4.50

Intermediate anemone, white with green cushion.

PARAMOUNT Nov. 23 4.50

Intermediate formal pompon, white. Free Sturdy growth.

BELRAY Nov. 24 4.13

Large Pompon, pure white. Tall grower.

FORTUNE Dec. 1 4.50

Intermediate pompon, white. Quality flower for November and December.

ICECAP Dec. 10 3.25

Intermediate white pom that will initiate bud and develop at 56 degrees, making it very desirable for northern winter programs. A very vigorous and productive addition that does not pink.

WHITE MINSTREL Dec. 12 4.50

White sport of Minstrel. A valuable variety to supplement this group of reliable December poms so popular with the Northern growers.

WHITE POMPONS, SINGLES AND ANEMONES (Cont.)

VARIETY	MATURES	PRICES PER 50
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14 WEEK VARIETIES (Pinch Aug. 25)

SILVERSMITH Intermediate decorative, white.	Dec. 15	3.63
SNOWCAP Large formal, white pompon. Outstanding for winter flowering program.	Dec. 15	3.75
GARZA Intermediate white anemone, well rounded cushion.	Dec. 15	3.88

VARIETY	MATURES	PRICES PER 50
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WEDDING BELLS Intermediate pure white formal pompon.	Dec. 20	4.00
ELEGANCE A very nice white decorative of good size that should find a ready market during its natural Christmas season. Growth is strong and without a trace of vegetativeness.	Dec. 20	3.88

15 WEEK VARIETIES (Pinch Sept. 1)

REVELATION Outstanding white decorative. Dependable variety even when finished cool.	Dec. 25	3.50
SNOW Intermediate, cream white pompon. Requires 60° for bud initiation.	Dec. 25	3.75
TALMEDA Intermediate white pompon. Good form and substance. Fine follow up variety for Revelation.	Jan. 5	4.00

ILLINI SNOWBOUND Intermediate decorative with cream center. Requires 60° for bud initiation and 50° for development.	Jan. 5	4.00
ILLINI CASCADE Intermediate decorative, clear white. More temperature tolerant than Illini Snowbound.	Jan. 5	3.75

YELLOW POMPONS, SINGLES AND ANEMONES

7 WEEK VARIETIES (Pinch July 7)

YELLOW CHRIS. COLUMBUS Large Yellow decorative. Recommended for Pot Plants and Garden culture. Good cut flower.	Oct. 1	4.50
CHARLES NYE Large deep lemon yellow pompon. Best cut flower variety for this early flowering date.	Oct. 5	4.25

8 WEEK VARIETIES (Pinch July 14)

SARASOTA Medium pompon, bright lemon yellow. Good cut flower for early shade.	Oct. 15	4.00
YELLOW CALUMET Lemon yellow sport of Calumet. Very nice growth habit for early cut flowers.	Oct. 15	4.50

9 WEEK VARIETIES (Pinch July 21)

GOLDEN HERALD Large golden yellow decorative. Will tolerate high July temperatures for shade program. Nice fast disbud.	Oct. 25	3.75
GOLD COAST Intermediate, deep lemon yellow pompon. Heavy producer and one of the most popular varieties.	Oct. 25	3.38
HAPPINESS Large golden yellow single. Good producer and very reliable during high temperature periods.	Oct. 28	3.63
SAUTERNE Intermediate single. Intense yellow. Most attractive yellow single available to date for Greenhouse programs.	Oct. 30	4.13
#2 DANDY Selection from Dandy that improves color clarity and form. Same reliable response and excellent vigor and production.	Nov. 1	4.13
YELLOWCHIP Bright lemon yellow sport of Bluechip. Same outstanding characteristics of parent. Reliable performance will be especially welcome for summer flowering.	Nov. 1	3.75
SUNRAY Small anemone, lemon yellow. Responds to shade and may be used for pots in Spring, Summer or Fall.	Nov. 3	4.13

YELLOW POMPONS, SINGLES AND ANEMONES (Cont.)

Stafford Mums

VARIETY	MATURES	PRICES PER 50
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VARIETY	MATURES	PRICES PER 50
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10 WEEK VARIETIES (Pinch July 28)

YELLOW BEAUREGARD Nov. 5 3.50
Intermediate pompon, deep yellow. Outstanding pompon for flowering May thru November. Especially valuable for summer flowering.

YELLOW TOP Nov. 5 4.00
Bright lemon yellow sport from Whitetop with same versatility, and dependability.

YELLOW ICEBERG Nov. 5 3.25
A beautiful yellow sport from one of the top white poms. Especially valuable in the early shade programs. Retains same vigor and other outstanding qualities of the parent Iceberg.

#2 YEL. ICEBERG Nov. 5 3.50
Deep yellow sport from Yellow Iceberg. As well as intensified color this sport displays a small improvement in size and form over the original Yellow Iceberg. It should eventually replace the original Yellow Iceberg and become recognized as the best in its class. Greenhouse and cloth house, Fast and Regular programs.

LUXURY Nov. 8 3.75
Large decorative which can be raised as a spray or as a fast disbud. Bright yellow when flowered under summer conditions. Bronze tinge with cooler finish.

HEYDAY Nov. 10 3.63
Intermediate bright yellow pom. Will initiate and develop at 56°. Tall rigid growth habit. Spray formation and reliability render it tops for early Spring flowering. Excessive high summer temperatures can prove harmful.

YELLOW SHASTA Nov. 10 3.25
Large anemone, light lemon yellow. Best anemone for all season programs.

GOLDEN SHASTA Nov. 10 4.25
Large deep yellow selection from Yellow Shasta. Same vigor and versatility as parent variety.

YELLOW IGLOO Nov. 10 3.63
Intermediate deep lemon yellow, formal pompon. Good Spring thru Fall.

YELLOW ILLINI SNOWDRIFT Nov. 12 4.13
A pleasing yellow sport of Illini Snowdrift. Somewhat less vigorous. The selection is more finely feathered. Also makes an unusual pot mum using tall treatment.

11 WEEK VARIETIES (Pinch Aug. 4)

YELLOW TAFFETA Nov. 15 4.50
Lemon yellow decorative pom. Sport of Taffeta.

YELLOW SCULPTURE Nov. 15 4.50
Large, lemon yellow daisy. Exceptional growth habit. Reliable for January and February flowering. Temperature tolerant.

GOLDEN CHORD Nov. 15 3.75
Intermediate golden yellow pompon. Sturdy, productive growth habit.

FORTY-NINER Nov. 15 3.88
Large formal pompon, golden yellow. Color has real appeal for fall season.

SOUVENIR Nov. 15 4.25
Intermediate deep yellow single. Vigorous habit coupled with high production. Recommended September thru May.

GOLD BALL Nov. 15 4.13
Intermediate pompon, golden yellow. Vigorous free growth habit.

ILLINI GOLDRIFT Nov. 18 4.50
Bright golden intermediate decorative, with fringed florets similar to Snowdrift. Stronger stems and a very prolific blooming habit. Attractive as a novelty pot plant with tall treatment. Useful September thru December.

YEL. L. I. BEAUTY Nov. 20 4.00
Large anemone, yellow with yellow center.

YELLOW Highbrow Nov. 20 4.00
Large decorative, golden yellow. Responds to late cloth house program.

LOLLIPOP Nov. 20 3.75
Formal round hard lemon yellow pompon. Crops perfectly for Thanksgiving.

PIPPIN Nov. 20 3.88
Intermediate pompon, deep lemon yellow. Good producer.

ILLINI SUNSPOT Nov. 20 4.50
Large pompon, yellow. Sturdy, somewhat short growth habit.

SULTAN Nov. 22 4.50
Large formal decorative, golden yellow. Handles easily, and very productive. One of the best for the season.

YELLOW POMPONS, SINGLES AND ANEMONES (Cont.)

VARIETY	MATURES	PRICES PER 50
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12 WEEK VARIETIES (Pinch Aug. 11)

ILLINI WAMPUM	Nov. 25	3.88
Small anemone bright yellow with greenish yellow cushion.		
GOLDSMITH	Nov. 25	4.13
Large decorative, deep golden yellow. One of the best for Thanksgiving.		
HIGHLANDER	Nov. 25	4.13
Intermediate decorative, lemon yellow. More productive than Goldsmith, but a lighter yellow.		

13 WEEK VARIETIES (Pinch Aug. 18)

GOLDEN ACCLAIM	Dec. 5	3.88
Large pompon, golden yellow. Clean growth and responds well to all Winter programs.		
CORONATION	Dec. 5	3.88
Intense golden yellow decorative. Larger more beauti-		

14 WEEK VARIETIES (Pinch Aug. 25)

YELLOW GARZA	Dec. 15	4.00
Intermediate anemone, yellow. Latest yellow anemone.		
SHAMROCK	Dec. 15	4.13
Large decorative, deep lemon yellow. Heavy growth habit.		
VIBRANT	Dec. 20	3.75
Intermediate decorative. Deep lemon yellow. Strong		

15 WEEK VARIETIES (Pinch Sept. 1)

YULEFLAME	Dec. 25	4.38
Large decorative. Deep lemon of outstanding quality.		
YELLOW SNOW	Dec. 25	3.75
Intermediate pompon, deep lemon yellow. Requires 60° for bud initiation.		

VARIETY	MATURES	PRICES PER 50
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SUNNYSIDE	Nov. 25	3.50
Intermediate formal pompon, golden yellow.		
YELLOW VALENCIA	Nov. 28	4.00
Large single, golden yellow.		
YELLOW GALAXY	Dec. 1	3.75
Intermediate single, lemon yellow. Most attractive and useful from October thru winter program.		
YELLOW FORTUNE	Dec. 1	4.50
Intermediate yellow pompon. Quality flower for November and December.		

fully formed than Corsair and responds more uniformly as the variety will initiate and develop at 56 degrees.

CORSAIR	Dec. 10	3.63
Large pompon, lemon yellow. Outstanding for quality, vigor and production.		

grower. Often used where headroom is limited. Very productive.

SUNRISE	Dec. 20	4.00
Intermediate pompon, deep lemon yellow, withstands lower temperatures.		

GOLDEN ELEGANCE	Dec. 20	4.13
Intermediate lemon yellow sport from Elegance. Production is high coupled with a good spray formation and clean growth habit.		

ILL. YEL. SNOWBOUND	Jan. 5	4.00
Intermediate pompon, light lemon yellow. Latest yellow pompon. Requires 60° for bud initiation and 50° for development.		

BRONZE & RED POMPONS, SINGLES & ANEMONES

7 WEEK VARIETIES (Pinch July 7)

HUNTSMAN	Oct. 5	3.88
Large decorative pompon, scarlet-orange. Tall, garden and cut flower variety.		
CARNIVAL	Oct. 10	4.50
Large pompon, burnt orange. Very good cut flower and garden variety. Medium height.		

BRONZE & RED POMPONS, SINGLES & ANEMONES

Stafford Mums

VARIETY	MATURES	PRICES PER 50
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VARIETY	MATURES	PRICES PER 50
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8 WEEK VARIETIES (Pinch July 14)

CALUMET Oct. 15 4.25

A large apricot bronze pompon of superior flower quality making well formed sprays. Excellent all around variety for the garden background, cloth house, spring pot plants and normal flowering.

RAJAH Oct. 15 4.50

Intermediate single, striking rich red daisy. Excellent cut flower for the garden and under glass.

RADIANCE Oct. 15 4.50

Intermediate red decorative pompon. Breaks freely and responds uniformly. Beautiful non-fading color. Very prolific and useful for garden and Spring pot plants.

JAMES STEWART Oct. 15 4.38

Small apricot gold pompon. Responds to early shading in the cloth house. Good natural cut flower in greenhouse or garden.

9 WEEK VARIETIES (Pinch July 21)

FIREBIRD Oct. 25 4.50

Intermediate decorative, reddish bronze.

BRONZE DOT Oct. 25 3.75

Intermediate pompon, light bronze with dark center.

BUCKSKIN Oct. 25 3.63

Tawny-bronze single. Very productive and responsive under shade.

NAVAHO Nov. 1 4.38

Intermediate pompon, mahogany-red.

BRONZECHIP Nov. 1 3.50

Lively Orange-bronze sport of Bluechip. Temperature tolerant. Color expression increases with cooler conditions.

COPPERCHIP Nov. 1 4.38

A selection from Bronzechip that is more resistant to fading or dulling of color. The color is bright amber bronze. The variety is an addition, not a replacement to the versatile Chip family. Recommended May thru November.

10 WEEK VARIETIES (Pinch July 28)

NECTARINE Nov. 5 4.50

Intermediate apricot orange pastel, decorative. Unmatched color. Attractive disbud.

JETFIRE Nov. 5 3.88

Intermediate decorative, flaming red. Outstanding in late shade program. Best results if grown in sterilized soil.

RED JETFIRE (Available April 15) Nov. 5 4.25

Selection is more vivid in color than Jetfire with better color retention thereby extending the flowering period over its parent to include the summer months.

ORANGE BEAUREGARD Nov. 5 4.00

Intermediate pompon, orange-yellow sport of Beauregard. The Beauregards are a very versatile and reliable family. Tolerates 56° for bud initiation.

BEAUREGARD Nov. 5 3.50

Intermediate pompon, red-bronze. Develops most desirable spray formation during high light conditions.

DILLON BEAUREGARD Nov. 5 3.63

Intermediate pompon, intense reddish bronze. An all around size and form improvement over Dark Beauregard. Tolerates 56°.

BRONZE DELIGHT Nov. 5 4.50

Intermediate daisy. Intense reddish-bronze. Same outstanding growth habit of parent. Fills definite gap in 10 week varieties for a versatile bronze single.

VULCAN Nov. 5 4.50

Large, crimson red decorative. Exceptional quality and color clarity for Christmas pots. May be flowered as Spring, Fall, or Winter pot. Strong breaking action when pinched and efficient under single stem pot programming.

RUBICON Nov. 5 3.75

Large decorative, red. Good for Fall programs.

BITTERSWEET Nov. 5 4.13

Intermediate single, bitter-sweet red. Good variety for Fall shading and normal flowering.

DK. BR. MASTERPIECE Nov. 12 4.38

Large pompon, dark bronze, sport of Masterpiece.

PARAGON Nov. 12 4.25

Large pompon, red. Good quality flower.

BRONZE & RED POMPONS, SINGLES & ANEMONES (Cont.)

VARIETY	MATURES	PRICES PER 50
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VARIETY	MATURES	PRICES PER 50
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11 WEEK VARIETIES (Pinch Aug. 4)

BEAUREGARD SUPREME Nov. 15 3.75
Selection from Beauregard maintaining same desirable color but nearly doubles flower size while offering increased vigor and more open spray formation. Extends the Beauregard season and performs well for late shade programs.

RANGER Nov. 15 4.50
Striking orange pom. Excellent grower, very productive and high temperature tolerant. Can be used in Sept., October shadings.

BRONZE TAFFETA Nov. 15 4.25
Bronze decorative pom. Sport of Taffeta.

LEGAL TENDER Nov. 20 4.25
Intermediate decorative, red-gold.

RUSTICON Nov. 20 4.00
Intermediate pompon, rust-red.

THELMA Nov. 20 3.63
Intermediate pompon, orange-red. Holds its brilliant color well. Good September to December.

RUBAIYAT Nov. 20 3.63
Intermediate formal pompon, velvety red. Unequaled for Fall thru Christmas Season.

OLNURA Nov. 22 4.50
Large apricot buff anemone. Valencia size. Attractive as disbud, or grown in sprays. Responds to light and shade for flowering Sept. thru December.

FESTIVAL Nov. 23 4.50
Intermediate single, apricot-red. Attractive variety for this season.

RED ROLINDA Nov. 23 4.00
Intermediate anemone, red. Durable Thanksgiving variety.

12 WEEK VARIETIES (Pinch Aug. 11)

ILL. REDWOOD Nov. 25 4.13
Large pompon, reddish-bronze, durable well formed flower for Thanksgiving and December.

BR. GOLDSMITH Nov. 25 4.25
Large decorative, orange-bronze. Attractive Thanksgiving color.

APRICOT VALENCIA Nov. 28 4.13
Large single, apricot bronze.

GALAXY Dec. 1 3.88
Intermediate single, orange-scarlet. Striking color and good production.

CRACKERJACK Dec. 1 4.00
Intermediate daisy, vigorous and productive, that is best described as a Red Galaxy. A real eyecatcher for wholesaler or retailer.

13 WEEK VARIETIES (Pinch Aug. 18)

DEBONAIR Dec. 5 4.25
Large pompon, crimson red. Well formed flower with good color.

FLAME MINSTREL Dec. 13 4.50
Intermediate pompon. Reddish bronze Minstrel selection. Better color for this season than Bronze Minstrel.

CHRISTMAS STAR Dec. 13 4.00
Intermediate single, scarlet. Good production and quality.

Catalogue and Program Pinch Dates, as listed, are a guide — not a must. The only Must about pinching is that there be new, soft, growth . . . Be sure that you have it.

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SHALLOW PLANTING A MUST—

Cuttings should not be planted any deeper than they were in the rooting medium.

BRONZE AND RED POMPONS, SINGLES AND ANEMONES (Cont.)

Stafford Mums

VARIETY	MATURES	PRICES PER 50
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14 WEEK VARIETIES (Pinch Aug. 25)

CHRISTMAS GREETINGS	Dec. 15	3.88
Large Pompon, crimson-red. Most productive and best red for Xmas. On raised beds needs cool conditions to hold for Xmas.		
MERRYMAKER	Dec. 20	4.00
Intermediate single, crimson-red. Quality flowers and good producer.		
POINSETTIA	Dec. 20	3.88
Large single, scarlet red. Outstanding and most attractive red single for late December.		

QUANTITY DISCOUNTS

Quantity Discounts on Stafford Mums are liberal and designed to include the smaller grower. Compare with others you know of, and you will see how it is to your benefit to use Stafford Mums.

PINK POMPONS, SINGLES & ANEMONES

7 WEEK VARIETIES (July 7)

CASH AND EARLY ORDER DISCOUNTS

Cash and Early Order Discounts are designed to give the grower who plans and orders ahead a justified reduction in costs.

When you plan and order ahead you benefit yourself by

- a better analysis of your requirements*
- lowering your costs of planting*
- guaranteeing yourself priority service.*

This early planning and ordering affords us the opportunity to best serve you.

We say "Thank You."

LASSIE	Oct. 10	4.00
Large decorative dark pink. Good as cut flower and for garden work. Height medium.		

8 WEEK VARIETIES (Pinch July 14)

JEWELL	Oct. 15	4.38
Small lavender pink button pompon. This durable flower is useful in the garden, cloth house, or under glass.		
ENTERPRISE	Oct. 15	4.38
Large pompon, amaranth rose, produced on well formed sprays with strong rigid stems. Good quality flowers for the cloth house or normal flowering.		
CAROLYN YOSICK	Oct. 20	4.38
Intermediate pompon, lavender.		

9 WEEK VARIETIES (Pinch July 21)

PINKETTE	Oct. 25	4.00
Intermediate Dark Pink Pompon. Good for Spring, Summer and Fall programs.		
REWARD	Oct. 25	3.63
Intermediate single, lavender. Outstanding pink for the shade program. Productive.		
PINK DOT	Oct. 25	4.00
Intermediate pompon, light lavender, with dark pink eye. Good shade variety.		
CHERRYCHIP	Nov. 1	4.38
Bright new rosepink sport from Bluechip. Another useful color addition to this ever increasing strain.		

BLUECHIP	Nov. 1	3.25
Intermediate luminous pink decorative. Original of the Chip family. Will tolerate 56° and is especially valuable for its color retention quality. Top notch pompon Spring thru Fall.		
PINKCHIP	Nov. 1	4.00
Pleasing light pink selection of Bluechip. Same quality and habit as parent. True pastel color best expressed in Spring and Fall.		
DARKCHIP	Nov. 3	3.25
Bright, dark lavender sport of Bluechip. Selection displays better color retention during summer than the parent variety. Somewhat stronger growth habit maturing a few days later.		

PINK POMPONS, SINGLES & ANEMONES (Cont.)

VARIETY	MATURES	PRICES PER 50
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VARIETY	MATURES	PRICES PER 50
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10 WEEK VARIETIES (Pinch July 28)

PARISIENNE Nov. 5 3.75
Intermediate single, nearest to true pink.

DELIGHT Nov. 5 3.63
Intermediate dark pink daisy. Productive, durable and of striking color. Exceptional vigor under light programs for Spring, and dependable for Fall shade.

CRITERION Nov. 8 3.75
Large decorative pink pom. Good year round pot mum. Good color retention. A fine cut spray with one extra long day week and center bud removed.

PORTRAIT Nov. 8 3.50
Large decorative pompon, deep lavender. Useful as cut Flowers March thru June and Sept. thru November. Also adaptable to pot work year round.

PENNANT Nov. 10 3.63
Intermediate decorative, deep pink. Suitable for Spring, Summer and Fall flowering. Tolerates 56° and withstands high temperatures, without delay and a minimum of fading.

PANDORA Nov. 10 4.50
Large decorative pompon, luminous-pink. Suited for the cloth house.

HUMDINGER Nov. 10 3.75
Large violet purple pom. Good for Spring and Fall Programs. Makes a distinctive pot variety.

PERSONALITY Nov. 10 3.63
Large luminous pink incurved pompon for pots. Shorter, more responsive and tolerant to low temperature than Queen of Pinks. Good breaking action and pot form for October thru June under Medium treatment.

MASTERPIECE Nov. 12 4.25
Large pompon, deep lavender.

You owe it to yourself —

ORDER EARLY — PAY PROMPTLY

11 WEEK VARIETIES (Pinch Aug. 4)

VEDOVA Nov. 15 4.00
Extra large Valencia size Anemone. Pastel shade of a lustrous pink with small green tipped cushions. The beauty and quality of this variety make it especially good as a fast disbud, dispray or a pot variety.

JUBILATION Nov. 15 4.25
Large luminous pink pom. Tolerates 56° for bud initiation and development. Exceptional vigor with sharp response and good production.

TAFFETA Nov. 15 3.88
Two-tone pink decorative. Good for off season flowering. Desirable growth habit and handles well.

ALMEGA Nov. 15 4.13
Large pompon, silverly pink. Distinctive color. Durable flower with good keeping qualities.

DELMAR Nov. 20 3.63
Intermediate pompon. Light lavender pink. Distinctive Dot color contrast. Excellent spray formation. Strong and productive in fall and winter spray programs.

PINK L. I. BEAUTY Nov. 20 4.38
Large orchid pink anemone, yellow cushion. A large novelty flower when disbudded.

ILLINI FORMAL Nov. 23 4.50
Intermediate rose pink pompon. Large unique flower on well formed sprays for Thanksgiving. Exceptionally heavy producer.

12 WEEK VARIETIES (Pinch Aug. 11)

VALENCIA Nov. 28 4.00
Rose Pink Single. Large flowers supported on long strong pedicles.

DARK PINK VALENCIA Nov. 28 4.13
Large single, dark orchid-pink. The Valencia's make a nice large disbud.

PINK POMPONS, AND ANEMONES (Cont.)

13 WEEK VARIETIES (Pinch Aug. 18)

ENCHANTRESS Dec. 5 4.00
Large anemone, lavender pink with yellow cushion.

MINSTREL Dec. 13 4.00
Intermediate pompon, lavender. Quality pompon for November and December.

DEBUTANTE Dec. 10 3.88
Large single, lavender. Good for mid-winter flowering. Withstands lower temperatures.

GAY MINSTREL Dec. 13 4.25
Intermediate pompon. Sport of Minstrel, but a lighter pink. Less vegetative and a clearer color than Imp. Pink Minstrel.

14 WEEK VARIETIES (Pinch Aug. 24)

ALVODA Dec. 15 3.75
Large smooth Portait pink decorative. A very dependable variety for cool units. Tolerant of 56° with best color expression under like conditions.

DEFIANCE Dec. 20 4.38
Intermediate decorative lavender. Very fine performer for normal flowering.

DISTANCE TO PLANT

To produce quality blooms for either a pinched or no pinch crop, spacing as shown in schedule below is

recommended. Spacing recommendations are governed by light intensity at various times of the year.

SPACING FOR NO PINCH CROP

Crop Flowering	Pompon	Standards & Disbuds
May — Sept.	4 x 5	6 x 4
Sept. — Nov.	4 x 6	6 x 5
Nov. — Mar.	4 x 7	6 x 6
Mar. — May	4 x 6	6 x 5

SPACING FOR SINGLE PINCH CROP

Crop Flowering	Pompon	Standards & Disbuds
May — Sept.	8 x 6	8 x 7
Sept. — Nov.	8 x 7	8 x 8
Nov. — Mar.	8 x 8	8 x 9
Mar. — May	8 x 7	8 x 8

CHART SHOWING NUMBER OF CUTTINGS REQUIRED TO PLANT YOUR BEDS OR BENCHES.

Spacing	No. of Cuttings —				
	Per 10 sq. ft.	Per 15 sq. ft.	Per 25 sq. ft.	Per 50 sq. ft.	Per 100 sq. ft.
5" x 6"	48	72	120	240	480
5" x 8"	36	54	90	180	360
6" x 6"	40	60	100	200	400
6" x 7"	34	51	84	170	340
6" x 8"	30	45	75	150	300
7" x 8"	26	39	65	130	260
8" x 8"	22	33	56	112	225
8" x 9"	20	32	52	104	208

For larger areas add quantities to meet total area.
E.g. — 125 sq. ft., add 120 (25 sq. ft.) and 480 (100 sq. ft.) = 600 R.C.

Did You Check "Early Order" and "Quantity Discounts" on the Colored Insert?

YEAR ROUND FLOWERING OF CHRYSANTHEMUMS

YEAR ROUND FLOWERING

By using artificial light or shading with black cloth, Chrysanthemums can be flowered at any time.

If you wish to flower 'MUMS at any time other than their normal flowering season, select your flowering date or dates and order your stock early to be sure you have them to plant at the proper time. Then be prepared to light or shade them as your program requires.

LIGHTING

Lights are needed to prevent formation of buds before required growth is attained. A light intensity of not less than 10 foot candles is necessary to accomplish this, or approximately 1½ watts of light per square foot of space, including walks. For small installations 60 watt lights, under reflectors, spaced 4 feet apart; or 100 watt lights, under reflectors, spaced 6 feet apart and about 30 inches above the tops of the plants will usually prove satisfactory. **AT NO TIME SHOULD THERE BE MORE THAN 8½ HOURS OF DARKNESS.** Consequently lights should be applied preferably after 10 P.M., or as near midnight as possible, and lighted for the required number of hours as shown in the schedule.

Lighting Plants on a small scale.

When a small block or any part of a house is to be grown under lights be sure to drop a black cloth to cut off any other plants around them so their growth will not be affected by the lights. In other words the plants to be grown under lights must be isolated from any other plants around them during the hours of lighting.

ADDITIONAL LIGHTING SCHEDULE

2 Hours during the months of August, April, May.

3 Hours during the months of September, October, March.

4 Hours during the months of November and February

5 Hours during the months of December and January

Temperature — To flower under lights during the winter months it is necessary to keep a minimum temperature of 60 to 65 degrees, and not less than 60 degrees at night, during the period of growth and bud formation. After color shows in the buds, lower temperature gradually to 54-56 degrees to harden off the finished flowers.

SHADING

On programs calling for shading with Black Cloth, the plants should be covered so as to receive about 12 or 13 hours of darkness, e.g. 6:30 P.M. to 7:00 A.M. Shading for longer periods cuts down valuable day length and results in a somewhat less productive crop. Many growers, due to closing hours etc., shade at 4:30 or 5:00 P.M. This practice has proven satisfactory but undoubtedly the crop would be benefited by the cloths being applied an hour or so later.

HEAT DELAY

Abnormally high temperatures building up under cloth can wipe out an entire crop or delay the flowering by weeks. If at shading time the temperature is abnormally high it is better that you only pull the cloth but do not close the beds completely. Skipping the

complete shading on a few nights will not effect much difference in flowering date whereas through shading on these nights a possible crop failure or delay of weeks may be the result.

YEAR-ROUND LIGHTING AND SHADING SCHEDULE

Response Group	Shading to Stop in Fall	Shading to Start in Spring
8 week	Sept. 1	Apr. 3
9 week	Sept. 6	Mar. 27
10 week	Sept. 13	Mar. 20
11 week	Sept. 13	Mar. 13
12 week	Sept. 20	Mar. 6
13 week	Sept. 20	
14 week	Sept. 27	
Response Group	Lighting to Start in Fall	Lighting to Stop in Spring
8 week	July 24	May 22
9 week	July 31	May 15
10 week	July 31	May 8
11 week	Aug. 7	May 1
12 week	Aug. 14	Apr. 25
13 week	Aug. 21	
14 week	Aug. 28	

YEAR ROUND CUT FLOWER SCHEDULES

Schedules for flowering Mums throughout the year begin on page 24 of this catalogue. The schedules as set up allow for maximum growth and can, through proper planning and growing, be cut down by two to three weeks and still achieve a stem length of approximately 36 inches. This shortening of bench time is best accomplished by planting and pinching two to three weeks later than dates listed in the schedules. If you plant later than the date given do not attempt to pinch on the listed pinch date, for more harm than good can be done by any attempt to pinch a cutting that is not well established and making new growth. Pinching into hard growth will reduce greatly the number of breaks per plant and the resulting breaks will not have the vigor and strength desired. It is much better that one wait additional time to obtain soft growth before pinching.

YEAR ROUND POT MUMS

'Mums as pot plants can be grown throughout the entire year, or for that particular time when you are looking for a fast, dependable crop to fill a gap in your greenhouse programming.

A program of continuous supply is a real money maker offering a surprisingly high square foot return. In fact we believe it can produce the highest average return of any Mum program.

Here is an example of what can be accomplished with only 800 square feet of bench space. — This area will produce 50 Six Inch Pots every week of the year or a total of 2600 pots, grown single pinch method. Under single stem, or no pinch method, this same area would produce better than 3200 pots per year.

A complete schedule for year round pot mums can be found starting on page 29 along with a listing of the better varieties to be used, and treatment to be followed. We will be glad to serve you in setting up a schedule to fit your particular requirements as to space available and expected demand at different times of the year.

YEAR ROUND FLOWERING OF CHRYSANTHEMUMS

Stafford Mums

POT TIPS

A good pot requires a good start. This can best be accomplished by careful grading of cuttings for both height and stem diameter for each pot. This is important for uniform pots. When planting, plant shallow and set the cuttings on a slight outward angle and at uniform distances around the edge of the pot. Do not plant one in the middle unless you are going into a seven or eight inch pot. Planting on a slight angle increases the basal foliage, the amount of strong breaks and adds immeasurably to the appearance and size of the plant.

In general we recommend the single pinch method of five cuttings in a six inch pot as the most acceptable plant. However a variation in size is often quite desirable, such as four cuttings in a five inch pot or possibly a few larger seven or eight inch pots. Our trials and experience have shown the retail florist is often interested in something larger than the six inch pan especially at holiday periods. We recommend the use of the shorter Azalea pot regardless of the size pot being used.

Some growers recently have had encouraging success using a no-pinch program. To do this, short days are applied at the time of potting and the pot is finished within 9, 10 or 11 weeks, depending on response group selected. This single stem method requires more exacting culture from potting until bud selection.

SHORT OR FAST DISBUDS

Short Disbuds or Fast Disbuds are becoming increasingly popular throughout the trade with both wholesale and retail growers. Under this program you can achieve three and a half to four inch flowers on 24 to 30 inch stems in 11 to 17 weeks (regular schedules are 16 to 22 weeks), depending on the time of year. This schedule allows for nearly three and a half crops to be produced during the year for a total production of approximately 40 individual blooms per square foot. For the wholesale grower these disbuds will in fact augment his sales of regular Mums and poms. For the retail grower they offer a greater variation and more practical use than do the larger Mums and with the shorter schedules can increase the amount of flowers they can raise for their own use. Most retail growers who have tried them find them profitable and are now willing to seek outside sources to purchase the largest mums when needed.

This is a pinch crop with your preference as to two or three stems per plant. On the Indianapolis varieties we recommend two per plant allowing three on the outside rows only. Pruning should be done within two weeks after pinch so as to increase the vigor and quality of the selected shoots and resulting blooms.

Generally we recommend spacing of 12 square inches per bloom during the summer, 13 or 14 square inches per bloom during spring and fall and 16 square inches per bloom during the winter flowering.

RECOMMENDED DISBUD VARIETIES

Listed below are the varieties with their recommended periods of flowering, which in our trials have proven to be the most productive and durable, and more generally profitable. A few varieties such as the Shastas and Long Island

Beautys seem to be satisfactory for limited quantities but generally do not achieve nor demand a satisfactory commercial price. The varieties listed therefore are generally better commercially.

Variety	Spring	Summer	Fall	Winter
White Pk. Chief	X	X	X	
Marblehead	X	X	X	
Queen's Lace	X	X	X	X
Donlope's W. Spider	X	X	X	
Nightingale	X		X	
Ind. White	X	X	X	
Imp. Ind. White	X	X	X	X
#3 Ind. White	X	X	X	X
Iceberg	X	X	X	X
Blazing Gold	X	X	X	
Gold. Marblehead	X	X	X	
Luyona	X	X	X	X
Yellow Lace	X	X	X	X
Good News		X	X	
Ind. Yellow	X	X	X	X
Imp. Ind. Yellow	X	X	X	X
Golden Princess Anne	X	X	X	X
Yel. Princess Anne	X	X	X	X
Golden Herald	X	X	X	
#2 Yel. Iceberg	X	X	X	X
Yel. Iceberg	X	X	X	X
Luxury	X	X	X	
Waikiki	X		X	
Fred Yule	X	X	X	
Detroit News			X	
Ind. Bronze	X		X	X
Dk. Ind. Bronze	X		X	X
Nectarine	X		X	
Valentine	X		X	X
Olnura	X		X	X
Princess Anne	X		X	X
Bunbu	X		X	X
Ind. Pink	X		X	X
Laughter	X	X	X	X
Vedova	X		X	X

DISBUD SCHEDULE

Here is an Outline for growing fast disbuds the year round. The crop requires the same culturing factors as the year round program, so check the Year Round Lighting and Shading Schedules on page 22.

Blooming Period	Weeks Plant To Pinch	Weeks Pinch To Start Short Days
Jan. 1 — Mar. 15	3	4
Mar. 16 — Apr. 15	3	3
Apr. 16 — Apr. 30	3	2
May 1 — May 30	2	2
June 1 — June 30	2	1
July 1 — July 31	2	0
Aug. 1 — Sept. 30	2	1
Oct. 1 — Oct. 30	2	2
Nov. 1 — Nov. 30	2	3
Dec. 1 — Dec. 30	3	3

YEAR ROUND CUT FLOWER SCHEDULES

STANDARD & POMPONS GROWN FOR CUT FLOWERS

FOR NEW ENGLAND AND SURROUNDING AREA

Latitude 40-45 degrees

FOR NO PINCH METHOD — PLANT ON PINCH DATE

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
May 15 1961	10 week	Jan. 2	Jan. 30	Jan. 2 — Mar. 6	Mar. 20
	9 week			Jan. 2 — Mar. 13	Mar. 27
	8 week			Jan. 2 — Mar. 20	Apr. 3
May 22	10 week	Jan. 16	Feb. 13	Jan. 16 — Mar. 13	Mar. 20
	9 week			Jan. 16 — Mar. 20	Mar. 27
	8 week			Jan. 16 — Mar. 27	Apr. 3
May 29	10 week	Jan. 30	Feb. 20	Jan. 30 — Mar. 20	Mar. 20
	9 week			Jan. 30 — Mar. 27	Mar. 27
	8 week			Jan. 30 — Apr. 3	Apr. 3
June 5	10 week	Feb. 13	Mar. 6	Feb. 13 — Mar. 27	Mar. 27
	9 week			Feb. 13 — Apr. 3	Apr. 3
	8 week			Feb. 13 — Apr. 10	Apr. 10
June 12	10 week	Feb. 20	Mar. 13	Feb. 20 — Apr. 3	Apr. 3
	9 week			Feb. 20 — Apr. 10	Apr. 10
	8 week			Feb. 20 — Apr. 17	Apr. 17
June 19	10 week	Feb. 27	Mar. 20	Feb. 27 — Apr. 10	Apr. 10
	9 week			Feb. 27 — Apr. 17	Apr. 17
	8 week			Feb. 27 — Apr. 24	Apr. 24
June 26	10 week	Mar. 6	Mar. 27	Mar. 6 — Apr. 17	Apr. 17
	9 week			Mar. 6 — Apr. 24	Apr. 24
	8 week			Mar. 6 — May 1	May 1
July 3	10 week	Mar. 13	Apr. 3	Mar. 13 — Apr. 24	Apr. 24
	9 week			Mar. 13 — May 1	May 1
	8 week			Mar. 13 — May 8	May 8
July 10	10 week	Mar. 20	Apr. 10	Mar. 20 — May 1	May 1
	9 week			Mar. 20 — May 8	May 8
	8 week			Mar. 20 — May 15	May 15
July 17	10 week	Mar. 27	Apr. 17	Mar. 27 — May 8	May 8
	9 week			Mar. 27 — May 15	May 15
	8 week			Mar. 27 — May 22	May 22
July 24	10 week	Apr. 3	Apr. 24	Apr. 3 — May 8	May 15
	9 week			Apr. 3 — May 15	May 22
	8 week			Apr. 3 — May 22	May 29
July 31	10 week	Apr. 10	May 1	Apr. 10 — May 8	May 22
	9 week			Apr. 10 — May 15	May 29
	8 week			Apr. 10 — May 22	June 5
August 7	10 week	Apr. 17	May 8	Apr. 17 — May 8	May 29
	9 week			Apr. 17 — May 15	June 5
	8 week			Apr. 17 — May 22	June 12
August 14	10 week	Apr. 24	May 15	Apr. 24 — May 8	June 5
	9 week			Apr. 24 — May 15	June 12
	8 week			Apr. 24 — May 22	June 19
August 21	10 week	May 1	May 22	May 1 — May 8	June 12
	9 week			May 1 — May 15	June 19
	8 week			May 1 — May 22	June 26

YEAR ROUND SCHEDULE FOR CUT FLOWER CROPS

Stafford Mums

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
August 28 1961	10 week 9 week 8 week	May 15	May 29	no lights no lights May 15 — May 22	June 19 June 26 July 3
September 4	10 week 9 week 8 week	May 22	June 5	no lights no lights no lights	June 26 July 3 July 10
September 11	10 week 9 week 8 week	May 29	June 12	no lights no lights no lights	July 3 July 10 July 17
September 18	10 week 9 week 8 week	June 5	June 19	no lights no lights no lights	July 10 July 17 July 24
September 25	11 week 10 week 9 week 8 week	June 5	June 19	no lights no lights no lights no lights	July 10 July 17 July 24 July 31
October 2	11 week 10 week 9 week 8 week	June 12	June 26	no lights no lights no lights July 24 — Aug. 7	July 17 July 24 July 31 Aug. 7
October 9	11 week 10 week 9 week 8 week	June 19	July 3	no lights no lights July 31 — Aug. 7 July 24 — Aug. 14	July 24 July 31 Aug. 7 no
October 16	12 week 11 week 10 week 9 week	June 19	July 3	no lights no lights July 31 — Aug. 7 July 31 — Aug. 14	July 24 July 31 Aug. 7 Aug. 14
October 23	12 week 11 week 10 week 9 week	June 26	July 10	no lights no lights July 31 — Aug. 14 July 31 — Aug. 21	July 31 Aug. 7 Aug. 14 Aug. 21
October 30	12 week 11 week 10 week	July 3	July 17	no lights Aug. 7 — Aug. 14 July 31 — Aug. 21	Aug. 7 Aug. 14 Aug. 21
November 6	12 week 11 week 10 week	July 10	July 24	no lights Aug. 7 — Aug. 21 July 31 — Aug. 28	Aug. 14 Aug. 21 Aug. 28
November 13	12 week 11 week 10 week	July 10	July 24	Aug. 14 — Aug. 21 Aug. 7 — Aug. 28 July 31 — Sept. 4	Aug. 21 Aug. 28 Sept. 4
November 20	12 week 11 week 10 week	July 17	July 31	Aug. 14 — Aug. 28 Aug. 7 — Sept. 4 July 31 — Sept. 11	Aug. 28 Sept. 4 no
November 27	13 week 12 week 11 week 10 week	July 24	Aug. 7	Aug. 21 — Aug. 28 Aug. 14 — Sept. 4 Aug. 7 — Sept. 11 July 31 — Sept. 18	Aug. 28 Sept. 4 no no
December 4	13 week 12 week 11 week 10 week	July 24	Aug. 7	no lights Aug. 14 — Sept. 11 Aug. 7 — Sept. 18 July 31 — Sept. 25	no no no no
December 11	13 week 12 week 11 week 10 week	July 31	Aug. 14	Aug. 21 — Sept. 11 Aug. 14 — Sept. 18 Aug. 7 — Sept. 25 July 31 — Oct. 2	no no no no

YEAR ROUND SCHEDULE FOR CUT FLOWER CROPS

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
December 18 1961	14 week	July 31	Aug. 14	Aug. 28 — Sept. 11	no
	13 week			Aug. 21 — Sept. 18	no
	12 week			Aug. 14 — Sept. 25	no
	11 week			Aug. 7 — Oct. 2	no
	10 week			July 31 — Oct. 9	no
December 25	14 week	Aug. 7	Aug. 21	Aug. 28 — Sept. 18	no
	13 week			Aug. 21 — Sept. 25	no
	12 week			Aug. 14 — Oct. 2	no
	11 week			Aug. 7 — Oct. 9	no
	10 week			Aug. 7 — Oct. 16	no
January 1 1962	14 week	Aug. 7	Aug. 28	Aug. 28 — Sept. 25	no
	13 week			Aug. 21 — Oct. 2	no
	12 week			Aug. 14 — Oct. 9	no
	11 week			Aug. 7 — Oct. 16	no
	10 week			Aug. 7 — Oct. 23	no
January 8	14 week	Aug. 14	Sept. 4	Aug. 28 — Oct. 2	no
	13 week			Aug. 21 — Oct. 9	no
	12 week			Aug. 14 — Oct. 16	no
	11 week			Aug. 14 — Oct. 23	no
	10 week			Aug. 14 — Oct. 30	no
January 15	14 week	Aug. 21	Sept. 11	Aug. 28 — Oct. 9	no
	13 week			Aug. 21 — Oct. 16	no
	12 week			Aug. 21 — Oct. 23	no
	11 week			Aug. 21 — Oct. 30	no
	10 week			Aug. 21 — Nov. 6	no
January 22	14 week	Aug. 28	Sept. 18	Aug. 28 — Oct. 16	no
	13 week			Aug. 28 — Oct. 23	no
	12 week			Aug. 28 — Oct. 30	no
	11 week			Aug. 28 — Nov. 6	no
	10 week			Aug. 28 — Nov. 13	no
January 29	14 week	Sept. 4	Sept. 25	Sept. 4 — Oct. 23	no
	13 week			Sept. 4 — Oct. 30	no
	12 week			Sept. 4 — Nov. 6	no
	11 week			Sept. 4 — Nov. 13	no
	10 week			Sept. 4 — Nov. 20	no
February 5	14 week	Sept. 11	Oct. 2	Sept. 11 — Oct. 30	no
	13 week			Sept. 11 — Nov. 6	no
	12 week			Sept. 11 — Nov. 13	no
	11 week			Sept. 11 — Nov. 20	no
	10 week			Sept. 11 — Nov. 27	no
February 12	13 week	Sept. 18	Oct. 9	Sept. 18 — Nov. 13	no
	12 week			Sept. 18 — Nov. 20	no
	11 week			Sept. 18 — Nov. 27	no
	10 week			Sept. 18 — Dec. 4	no
February 19	13 week	Sept. 25	Oct. 16	Sept. 25 — Nov. 20	no
	12 week			Sept. 25 — Nov. 27	no
	11 week			Sept. 25 — Dec. 4	no
	10 week			Sept. 25 — Dec. 11	no
February 26	12 week	Oct. 2	Oct. 23	Oct. 2 — Dec. 4	no
	11 week			Oct. 2 — Dec. 11	no
	10 week			Oct. 2 — Dec. 18	no
March 5	12 week	Oct. 9	Oct. 30	Oct. 9 — Dec. 11	no
	11 week			Oct. 9 — Dec. 18	no
	10 week			Oct. 9 — Dec. 25	no
March 12	11 week	Oct. 16	Nov. 6	Oct. 16 — Dec. 25	no
	10 week			Oct. 16 — Jan. 1	no

YEAR ROUND SCHEDULE FOR CUT FLOWER CROPS

Stafford Mums

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
March 19 1962	11 week 10 week	Oct. 23	Nov. 13	Oct. 23 — Jan. 1 Oct. 23 — Jan. 8	no no
March 26	11 week 10 week 9 week	Nov. 6	Nov. 27	Nov. 6 — Jan. 8 Nov. 6 — Jan. 15 Nov. 6 — Jan. 22	no no no
April 2	11 week 10 week 9 week	Nov. 13	Dec. 4	Nov. 13 — Jan. 15 Nov. 13 — Jan. 22 Nov. 13 — Jan. 29	no no no
April 9	11 week 10 week 9 week	Nov. 20	Dec. 18	Nov. 20 — Jan. 22 Nov. 20 — Jan. 29 Nov. 20 — Feb. 5	Mar. 12 no no
April 16	11 week 10 week 9 week	Nov. 27	Dec. 25	Nov. 27 — Jan. 29 Nov. 27 — Feb. 5 Nov. 27 — Feb. 12	Mar. 12 Mar. 19 no
April 23	10 week 9 week 8 week	Dec. 11	Jan. 8	Dec. 11 — Feb. 12 Dec. 11 — Feb. 19 Dec. 11 — Feb. 26	Mar. 19 Mar. 26 Apr. 2
April 30	10 week 9 week 8 week	Dec. 18	Jan. 15	Dec. 18 — Feb. 19 Dec. 18 — Feb. 26 Dec. 18 — Mar. 5	Mar. 19 Mar. 26 Apr. 2
May 7	10 week 9 week 8 week	Dec. 25	Jan. 22	Dec. 25 — Feb. 26 Dec. 25 — Mar. 5 Dec. 25 — Mar. 12	Mar. 19 Mar. 26 Apr. 2
May 14	10 week 9 week 8 week	Jan. 1	Jan. 29	Jan. 1 — Mar. 5 Jan. 1 — Mar. 12 Jan. 1 — Mar. 19	Mar. 19 Mar. 26 Apr. 2
May 21	10 week 9 week 8 week	Jan. 15	Feb. 12	Jan. 15 — Mar. 12 Jan. 15 — Mar. 19 Jan. 15 — Mar. 26	Mar. 19 Mar. 26 Apr. 2
May 28	10 week 9 week 8 week	Jan. 29	Feb. 19	Jan. 29 — Mar. 19 Jan. 29 — Mar. 26 Jan. 29 — Apr. 2	Mar. 19 Mar. 26 Apr. 2
June 4	10 week 9 week 8 week	Feb. 12	Mar. 5	Feb. 12 — Mar. 26 Feb. 12 — Apr. 2 Feb. 12 — Apr. 9	Mar. 26 Apr. 2 Apr. 9
June 11	10 week 9 week 8 week	Feb. 19	Mar. 12	Feb. 19 — Apr. 2 Feb. 19 — Apr. 9 Feb. 19 — Apr. 16	Apr. 2 Apr. 9 Apr. 16
June 18	10 week 9 week 8 week	Feb. 26	Mar. 19	Feb. 26 — Apr. 9 Feb. 26 — Apr. 16 Feb. 26 — Apr. 23	Apr. 9 Apr. 16 Apr. 23
June 25	10 week 9 week 8 week	Mar. 5	Mar. 26	Mar. 5 — Apr. 16 Mar. 5 — Apr. 23 Mar. 5 — Apr. 30	Apr. 16 Apr. 23 Apr. 30
July 2	10 week 9 week 8 week	Mar. 12	Apr. 2	Mar. 12 — Apr. 23 Mar. 12 — Apr. 30 Mar. 12 — May 7	Apr. 23 Apr. 30 May 7
July 9	10 week 9 week 8 week	Mar. 19	Apr. 9	Mar. 19 — Apr. 30 Mar. 19 — May 7 Mar. 19 — May 14	Apr. 30 May 7 May 14
July 16	10 week 9 week 8 week	Mar. 26	Apr. 16	Mar. 26 — May 7 Mar. 26 — May 14 Mar. 26 — May 21	May 7 May 14 May 21

YEAR ROUND SCHEDULE FOR CUT FLOWER CROPS

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
July 23 1962	10 week	Apr. 2	Apr. 23	Apr. 2 — May 14	May 14
	9 week			Apr. 2 — May 21	May 21
	8 week			Apr. 2 — May 28	May 28
July 30	10 week	Apr. 9	Apr. 30	Apr. 9 — May 14	May 21
	9 week			Apr. 9 — May 21	May 28
	8 week			Apr. 9 — May 28	June 4
August 6	10 week	Apr. 16	May 7	Apr. 16 — May 14	May 28
	9 week			Apr. 16 — May 21	June 4
	8 week			Apr. 16 — May 28	June 11
August 13	10 week	Apr. 23	May 14	Apr. 23 — May 14	June 4
	9 week			Apr. 23 — May 21	June 11
	8 week			Apr. 23 — May 28	June 18
August 20	10 week	May 7	May 21	no lights	June 11
	9 week			May 7 — May 21	June 18
	8 week			May 7 — May 28	June 25
August 27	10 week	May 14	May 28	no lights	June 18
	9 week			no lights	June 25
	8 week			May 14 — May 28	July 2
September 3	10 week	May 21	June 4	no lights	June 25
	9 week			no lights	July 2
	8 week			no lights	July 9
September 10	10 week	May 28	June 11	no lights	July 2
	9 week			no lights	July 9
	8 week			no lights	July 16
September 17	11 week	June 4	June 18	no lights	July 2
	10 week			no lights	July 9
	9 week			no lights	July 16
September 24	8 week			no lights	July 23
	11 week	June 4	June 18	no lights	July 9
	10 week			no lights	July 16
	9 week			no lights	July 23
	8 week			no lights	July 30

FLASH LIGHTING

Much interest has justifiably been generated by the research work of Dr. Sid Waxman of the University of Connecticut, on Flash Lighting for Chrysanthemums.

This new approach to lighting has been explored and tested with many variations as to the actual minutes of light applied to the growing plants for flowering and for stock propagation.

To date the recommendations for this method of lighting are that you light for four seconds a minute for four hours during the middle of the night under a light intensity of 20 foot candles at every point of bench area. It is imperative that you check your light intensity before attempting to use this method of interrupted lighting.

Dr. Waxman is continuing this work to see if this light intensity might be lessened in the future and to test more varieties. To date this work has been done primarily using the 9 and 10 week response groups. Among the varieties successfully tested have been the Shastas, Indianapolis, Mefos, Ill. Igloos, Icebergs, Delights and Darkchip.

RECOMMENDED VARIETIES FOR POT PLANTS

VARIETY		TREATMENT	RECOMMENDED FLOWERING PERIOD PINCHED SINGLE STEM	
WHITE	9 week			
	Wilson's White	Short	Mar. thru Nov.	April thru Nov.
	Queen's Lace	Tall	Year 'round	
	10 week			
	Oregon	Short	Year 'round	Mar. thru Dec.
	Whiterion	Medium	Year 'round	
	Little America	Tall	Sept. thru June	
	Ill. Snowdrift	Tall	Mar. thru Dec.	
	Fred Shoesmith	Tall	Oct. thru May	
	Imp. Ind. White	Tall	Mar. thru Dec.	Year 'round
	Ind. #3 White	Tall	Mar. thru Dec.	Year 'round
	11 week			
	Marketeer	Tall	Oct. and Nov.	Nov. and Dec.
YELLOW	8 week			
	Blazing Gold	Medium	Mar. thru Sept.	Apr. thru July
	9 week			
	Yellow Lace	Tall	Year 'round	
	Sunray	Tall	Apr. thru Oct.	
	10 week			
	Yellow Delaware	Short	Year 'round	Apr. thru Nov.
	Ind. Yellow	Tall	Mar. thru Dec.	Year 'round
	Imp. Ind. Yellow	Tall	Mar. thru Dec.	Year 'round
	Oregon Trail	Short	Year 'round	May thru Nov.
	Yel. Ill. Snowdrift	Medium	Apr. thru Nov.	
	Golden Princess Anne	Tall	Sept. thru May	Oct. thru May
	Yel. Princess Anne	Tall	Oct. thru May	Oct. thru May
	Golden Fred Shoesmith	Tall	Oct. thru May	
	Yellow Shoesmith	Tall	Oct. thru May	
	11 week			
	Bonn Deluxe	Medium	Year 'round	
	Yellow Marketeer	Tall	Oct. and Nov.	Nov. and Dec.
BRONZE & RED	9 week			
	Br. Palmero			Sept. and Oct.
	10 week			
	Delaware	Short	Year 'round	Apr. thru Nov.
	Ind. Br.	Tall	Mar. thru Nov.	Year 'round
	Dk. Ind. Br.	Tall	Mar. thru Nov.	Year 'round
	Vulcan	Tall	Sept. thru May	Sept. thru June
	11 week			
	Valentine	Tall	Oct. thru Apr.	Oct. thru Dec.
	Calv. Gold	Medium	Oct. thru Dec.	
PINK	9 week			
	Blue Ribbon	Medium	Year 'round	Mar. thru Dec.
	10 week			
	Ind. Pk.	Tall	Oct. thru May	Oct. thru May
	Portrait	Medium	Mar. thru Nov.	
	Personality	Medium	Oct. thru June	
	Criterion	Medium	Year 'round	
	Princess Anne	Tall	Sept. thru May	Sept. thru May
	Humdinger	Medium	Mar. thru Dec.	
	Pk. Fred Shoesmith	Tall	Nov. thru Apr.	
	11 week			
	Ill. Formal	Tall	Oct. thru Dec.	
	Calverts Pink	Medium	Oct. thru Dec.	
	Vedova	Tall	Oct. thru May	

YEAR ROUND POT PLANT SCHEDULE

SINGLE PINCH POT PLANT METHOD

'Mums as pot plants can be grown the year around or for any special Holiday or Season. If you are not familiar with this program, read the article on Lighting and Shading carefully and follow the selected program according to schedule, making certain to maintain the temperatures given.

Plant 5 cuttings to a 6" pot in any good soil and peat mixture, keeping them properly fed and watered. Maintain a temperature of 60-65° at night. After color shows, plants should be finished at a cooler temperature to harden them off. (Also see page 23.)

TALL, MEDIUM, AND SHORT TREATMENT PROGRAMS

Because of the difference in growth habit of the varieties used in the Pot Plant Program it has been found advisable to classify these into Tall, Medium and Short growing groups. These classifications are made and programs set up for each to allow for better control over their growing habits and should result in more uniform finished plants.

To use this Pot Schedule you must first check the variety listing on page 29 for the treatment to be used and for recommended blooming period. If the variety is classified as Medium Treatment, use the schedule as listed. If it is classified under Short or Tall Treatment then adjust schedule as outlined below.

SCHEDULE FOR — MEDIUM TREATMENT VARIETIES ONLY

(Check Page 29 for Variety treatment)

SHORT TREATMENT —

adjust by planting and pinching one week earlier, Lights Off, and or, Shading Date remains the same.

TALL TREATMENT —

adjust by planting and pinching one week later. Lights Off, and or, Shading Date remains the same.

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
April 3 1961	10 week	Jan. 2	Jan. 23	Jan. 2 — Jan. 23	no
	9 week	Jan. 9	Jan. 30	Jan. 9 — Jan. 30	no
	8 week	Jan. 16	Feb. 6	Jan. 16 — Feb. 6	no
April 10	11 week	Jan. 2	Jan. 23	Jan. 2 — Jan. 23	Mar. 13
	10 week	Jan. 9	Jan. 30	Jan. 9 — Jan. 30	Mar. 20
	9 week	Jan. 16	Feb. 6	Jan. 16 — Feb. 6	no
	8 week	Jan. 23	Feb. 13	Jan. 23 — Feb. 13	no
April 17	11 week	Jan. 9	Jan. 30	Jan. 9 — Jan. 30	Mar. 13
	10 week	Jan. 16	Feb. 6	Jan. 16 — Feb. 6	Mar. 20
	9 week	Jan. 23	Feb. 13	Jan. 23 — Feb. 13	Mar. 27
	8 week	Jan. 30	Feb. 20	Jan. 30 — Feb. 20	no
April 24	11 week	Jan. 16	Feb. 6	Jan. 16 — Feb. 6	Mar. 13
	10 week	Jan. 23	Feb. 13	Jan. 23 — Feb. 13	Mar. 20
	9 week	Jan. 30	Feb. 20	Jan. 30 — Feb. 20	Mar. 27
	8 week	Feb. 13	Feb. 27	Feb. 13 — Feb. 27	Apr. 3
May 1	11 week	Jan. 23	Feb. 13	Jan. 23 — Feb. 13	Mar. 13
	10 week	Jan. 30	Feb. 20	Jan. 30 — Feb. 20	Mar. 20
	9 week	Feb. 13	Feb. 27	Feb. 13 — Feb. 27	Mar. 27
	8 week	Feb. 20	Mar. 6	Feb. 20 — Mar. 6	Apr. 3
May 8	11 week	Jan. 30	Feb. 20	Jan. 30 — Feb. 20	Mar. 13
	10 week	Feb. 13	Feb. 27	Feb. 13 — Feb. 27	Mar. 20
	9 week	Feb. 20	Mar. 6	Feb. 20 — Mar. 6	Mar. 27
	8 week	Feb. 27	Mar. 13	Feb. 27 — Mar. 13	Apr. 3
May 15	11 week	Feb. 13	Feb. 27	Feb. 13 — Feb. 27	Mar. 13
	10 week	Feb. 20	Mar. 6	Feb. 20 — Mar. 6	Mar. 20
	9 week	Feb. 27	Mar. 13	Feb. 27 — Mar. 13	Mar. 27
	8 week	Mar. 6	Mar. 20	Mar. 6 — Mar. 20	Apr. 3
May 22	11 week	Feb. 20	Mar. 6	Feb. 20 — Mar. 6	Mar. 13
	10 week	Feb. 27	Mar. 13	Feb. 27 — Mar. 13	Mar. 20
	9 week	Mar. 6	Mar. 20	Mar. 6 — Mar. 20	Mar. 27
	8 week	Mar. 13	Mar. 27	Mar. 13 — Mar. 27	Apr. 3

YEAR ROUND POT PLANT SCHEDULE

SCHEDULE FOR — MEDIUM TREATMENT VARIETIES ONLY

(Check Page 29 for Variety treatment)

SHORT TREATMENT —

adjust by planting and pinching one week earlier, Lights Off, and or, Shading Date remains the same.

TALL TREATMENT —

adjust by planting and pinching one week later. Lights Off, and or, Shading Date remains the same.

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
May 29 1961	11 week	Feb. 27	Mar. 13	Feb. 27 — Mar. 13	Mar. 13
	10 week	Mar. 6	Mar. 20	Mar. 6 — Mar. 20	Mar. 20
	9 week	Mar. 13	Mar. 27	Mar. 13 — Mar. 27	Mar. 27
	8 week	Mar. 20	Apr. 3	Mar. 20 — Apr. 3	Apr. 3
June 5	11 week	Mar. 6	Mar. 20	Mar. 6 — Mar. 20	Mar. 20
	10 week	Mar. 13	Mar. 27	Mar. 13 — Mar. 27	Mar. 27
	9 week	Mar. 20	Apr. 3	Mar. 20 — Apr. 3	Apr. 3
	8 week	Apr. 3	Apr. 17	Apr. 3 — Apr. 10	Apr. 10
June 12	11 week	Mar. 13	Mar. 27	Mar. 13 — Mar. 27	Mar. 27
	10 week	Mar. 20	Apr. 3	Mar. 20 — Apr. 3	Apr. 3
	9 week	Apr. 3	Apr. 17	Apr. 3 — Apr. 10	Apr. 10
	8 week	Apr. 10	Apr. 24	Apr. 10 — Apr. 17	Apr. 17
June 19	11 week	Mar. 27	Apr. 10	Mar. 27 — Apr. 3	Apr. 3
	10 week	Apr. 3	Apr. 17	Apr. 3 — Apr. 10	Apr. 10
	9 week	Apr. 10	Apr. 24	Apr. 10 — Apr. 17	Apr. 17
	8 week	Apr. 17	May 1	Apr. 17 — Apr. 24	Apr. 24
June 26	11 week	Apr. 3	Apr. 17	Apr. 3 — Apr. 10	Apr. 10
	10 week	Apr. 10	Apr. 24	Apr. 10 — Apr. 17	Apr. 17
	9 week	Apr. 17	May 1	Apr. 17 — Apr. 24	Apr. 24
	8 week	Apr. 24	May 8	Apr. 24 — May 1	May 1
July 3	11 week	Apr. 10	Apr. 24	Apr. 10 — Apr. 17	Apr. 17
	10 week	Apr. 17	May 1	Apr. 17 — Apr. 24	Apr. 24
	9 week	Apr. 24	May 8	Apr. 24 — May 1	May 1
	8 week	May 1	May 15	May 1 — May 8	May 8
July 10	11 week	Apr. 17	May 1	Apr. 17 — Apr. 24	Apr. 24
	10 week	Apr. 24	May 8	Apr. 24 — May 1	May 1
	9 week	May 1	May 15	May 1 — May 8	May 8
	8 week	May 8	May 22	May 8 — May 15	May 15
July 17	11 week	Apr. 24	May 8	Apr. 24 — May 1	May 1
	10 week	May 1	May 15	May 1 — May 8	May 8
	9 week	May 8	May 22	May 8 — May 15	May 15
	8 week	May 15	May 29	May 15 — May 22	May 22
July 24	11 week	May 1	May 15	no lights	May 8
	10 week	May 8	May 22	no lights	May 15
	9 week	May 15	May 29	no lights	May 22
	8 week	May 22	June 5	no lights	May 29
July 31	11 week	May 8	May 22	no lights	May 15
	10 week	May 15	May 29	no lights	May 22
	9 week	May 22	June 5	no lights	May 29
	8 week	May 29	June 12	no lights	June 5
August 7	11 week	May 15	May 29	no lights	May 22
	10 week	May 22	June 5	no lights	May 29
	9 week	May 29	June 12	no lights	June 5
	8 week	June 5	June 19	no lights	June 12
August 14	11 week	May 22	June 5	no lights	May 29
	10 week	May 29	June 12	no lights	June 5
	9 week	June 5	June 19	no lights	June 12
	8 week	June 12	June 26	no lights	June 19

YEAR ROUND POT PLANT SCHEDULE

SCHEDULE FOR — MEDIUM TREATMENT VARIETIES ONLY

(Check Page 29 for Variety treatment)

SHORT TREATMENT —

adjust by planting and pinching one week earlier, Lights Off, and or, Shading Date remains the same.

TALL TREATMENT —

adjust by planting and pinching one week later. Lights Off, and or, Shading Date remains the same.

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
August 21 1961	11 week	May 29	June 12	no lights	June 5
	10 week	June 5	June 19	no lights	June 12
	9 week	June 12	June 26	no lights	June 19
	8 week	June 19	July 3	no lights	June 26
August 28	11 week	June 5	June 19	no lights	June 12
	10 week	June 12	June 26	no lights	June 19
	9 week	June 19	July 3	no lights	June 26
	8 week	June 26	July 10	no lights	July 3
September 4	11 week	June 12	June 26	no lights	June 19
	10 week	June 19	July 3	no lights	June 26
	9 week	June 26	July 10	no lights	July 3
	8 week	July 3	July 17	no lights	July 10
September 11	11 week	June 19	July 3	no lights	June 26
	10 week	June 26	July 10	no lights	July 3
	9 week	July 3	July 17	no lights	July 10
	8 week	July 10	July 24	no lights	July 17
September 18	11 week	June 26	July 10	no lights	July 3
	10 week	July 3	July 17	no lights	July 10
	9 week	July 10	July 24	no lights	July 17
	8 week	July 17	July 31	no lights	July 24
September 25	11 week	July 3	July 17	no lights	July 10
	10 week	July 10	July 24	no lights	July 17
	9 week	July 17	July 31	no lights	July 24
	8 week	July 24	Aug. 7	no lights	July 31
October 2	11 week	July 10	July 24	no lights	July 17
	10 week	July 17	July 31	no lights	July 24
	9 week	July 24	Aug. 7	no lights	July 31
	8 week	July 31	Aug. 14	July 31 — Aug. 7	Aug. 7
October 9	11 week	July 17	July 31	no lights	July 24
	10 week	July 24	Aug. 7	no lights	July 31
	9 week	July 31	Aug. 14	July 31 — Aug. 7	Aug. 7
	8 week	July 31	Aug. 14	July 31 — Aug. 14	Aug. 14
October 16	11 week	July 24	Aug. 7	no lights	July 31
	10 week	July 31	Aug. 14	July 31 — Aug. 7	Aug. 7
	9 week	July 31	Aug. 14	July 31 — Aug. 14	Aug. 14
	8 week	Aug. 7	Aug. 21	Aug. 7 — Aug. 21	Aug. 21
October 23	11 week	July 31	Aug. 14	no lights	Aug. 7
	10 week	Aug. 7	Aug. 21	Aug. 7 — Aug. 14	Aug. 14
	9 week	Aug. 14	Aug. 28	Aug. 14 — Aug. 21	Aug. 21
October 30	11 week	July 31	Aug. 14	July 31 — Aug. 14	Aug. 14
	10 week	Aug. 14	Aug. 28	Aug. 14 — Aug. 21	Aug. 21
	9 week	Aug. 14	Aug. 28	Aug. 14 — Aug. 28	Aug. 28
November 6	11 week	Aug. 7	Aug. 21	Aug. 7 — Aug. 21	Aug. 21
	10 week	Aug. 14	Aug. 28	Aug. 14 — Aug. 28	Aug. 28
	9 week	Aug. 21	Sept. 4	Aug. 21 — Sept. 4	no
November 13	11 week	Aug. 14	Aug. 28	Aug. 14 — Aug. 28	Aug. 28
	10 week	Aug. 21	Sept. 4	Aug. 21 — Sept. 4	Sept. 4
	9 week	Aug. 28	Sept. 11	Aug. 28 — Sept. 11	no

YEAR ROUND POT PLANT SCHEDULE

SCHEDULE FOR — MEDIUM TREATMENT VARIETIES ONLY

(Check Page 29 for Variety treatment)

SHORT TREATMENT —

adjust by planting and pinching one week earlier, Lights Off, and or, Shading Date remains the same.

TALL TREATMENT —

adjust by planting and pinching one week later. Lights Off, and or, Shading Date remains the same.

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
March 12 1962	11 week	Dec. 4	Dec. 25	Dec. 4 — Dec. 25	no
	10 week	Dec. 11	Jan. 1	Dec. 11 — Jan. 1	no
	9 week	Dec. 18	Jan. 8	Dec. 18 — Jan. 8	no
March 19	11 week	Dec. 11	Jan. 1	Dec. 11 — Jan. 1	no
	10 week	Dec. 18	Jan. 8	Dec. 18 — Jan. 8	no
	9 week	Dec. 25	Jan. 15	Dec. 25 — Jan. 15	no
March 26	11 week	Dec. 18	Jan. 8	Dec. 18 — Jan. 8	no
	10 week	Dec. 25	Jan. 15	Dec. 25 — Jan. 15	no
	9 week	Jan. 1	Jan. 22	Jan. 1 — Jan. 22	no
April 2	11 week	Dec. 25	Jan. 15	Dec. 25 — Jan. 15	no
	10 week	Jan. 1	Jan. 22	Jan. 1 — Jan. 22	no
	9 week	Jan. 8	Jan. 29	Jan. 8 — Jan. 29	no
April 9	11 week	Jan. 1	Jan. 22	Jan. 1 — Jan. 22	Mar. 12
	10 week	Jan. 8	Jan. 29	Jan. 8 — Jan. 29	Mar. 19
	9 week	Jan. 15	Feb. 5	Jan. 15 — Feb. 5	no
April 16	11 week	Jan. 8	Jan. 29	Jan. 8 — Jan. 29	Mar. 12
	10 week	Jan. 15	Feb. 5	Jan. 15 — Feb. 5	Mar. 19
	9 week	Jan. 22	Feb. 12	Jan. 22 — Feb. 12	Mar. 26
April 23	11 week	Jan. 15	Feb. 5	Jan. 15 — Feb. 5	Mar. 12
	10 week	Jan. 22	Feb. 12	Jan. 22 — Feb. 12	Mar. 19
	9 week	Feb. 5	Feb. 19	Feb. 5 — Feb. 12	Mar. 26
April 30	11 week	Jan. 22	Feb. 12	Jan. 22 — Feb. 12	Mar. 12
	10 week	Feb. 5	Feb. 19	Feb. 5 — Feb. 19	Mar. 19
	9 week	Feb. 12	Feb. 26	Feb. 12 — Feb. 26	Mar. 26
May 7	11 week	Feb. 5	Feb. 19	Feb. 5 — Feb. 19	Mar. 12
	10 week	Feb. 12	Feb. 26	Feb. 12 — Feb. 26	Mar. 19
	9 week	Feb. 19	Mar. 5	Feb. 19 — Mar. 5	Mar. 26
May 14	11 week	Feb. 12	Feb. 26	Feb. 12 — Feb. 26	Mar. 12
	10 week	Feb. 19	Mar. 5	Feb. 19 — Mar. 5	Mar. 19
	9 week	Feb. 26	Mar. 12	Feb. 26 — Mar. 12	Mar. 26
May 21	11 week	Feb. 19	Mar. 5	Feb. 19 — Mar. 5	Mar. 12
	10 week	Feb. 26	Mar. 12	Feb. 26 — Mar. 12	Mar. 19
	9 week	Mar. 5	Mar. 19	Mar. 5 — Mar. 19	Mar. 26
May 28	11 week	Feb. 26	Mar. 12	Feb. 26 — Mar. 12	Mar. 12
	10 week	Mar. 5	Mar. 19	Mar. 5 — Mar. 19	Mar. 19
	9 week	Mar. 12	Mar. 26	Mar. 12 — Mar. 26	Mar. 26
June 11	11 week	Mar. 12	Mar. 26	Mar. 12 — Mar. 26	Mar. 26
	10 week	Mar. 19	Apr. 2	Mar. 19 — Apr. 2	Apr. 2
	9 week	Apr. 2	Apr. 16	Apr. 2 — Apr. 9	Apr. 9
June 25	11 week	Apr. 2	Apr. 16	Apr. 2 — Apr. 9	Apr. 9
	10 week	Apr. 9	Apr. 23	Apr. 9 — Apr. 16	Apr. 16
	9 week	Apr. 16	Apr. 30	Apr. 16 — Apr. 23	Apr. 23
July 9	11 week	Apr. 16	Apr. 30	Apr. 16 — Apr. 23	Apr. 23
	10 week	Apr. 23	May 7	Apr. 23 — Apr. 30	Apr. 30
	9 week	Apr. 30	May 14	Apr. 30 — May 7	May 7
July 23	11 week	Apr. 30	May 14	Apr. 30 — May 7	May 7
	10 week	May 7	May 21	no lights	May 14
	9 week	May 14	May 28	no lights	May 21

YEAR ROUND POT PLANT SCHEDULE

SCHEDULE FOR — MEDIUM TREATMENT VARIETIES ONLY

(Check Page 29 for Variety treatment)

SHORT TREATMENT —

adjust by planting and pinching one week earlier, Lights Off, and or, Shading Date remains the same.

TALL TREATMENT —

adjust by planting and pinching one week later. Lights Off, and or, Shading Date remains the same.

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
November 20 1961	11 week	Aug. 21	Sept. 4	Aug. 21 — Sept. 4	Sept. 4
	10 week	Aug. 28	Sept. 11	Aug. 28 — Sept. 11	no
	9 week	Sept. 4	Sept. 18	Sept. 4 — Sept. 18	no
November 27	11 week	Aug. 28	Sept. 11	Aug. 28 — Sept. 11	Sept. 11
	10 week	Sept. 4	Sept. 18	Sept. 4 — Sept. 18	no
	9 week	Sept. 11	Sept. 25	Sept. 11 — Sept. 25	no
December 4	11 week	Sept. 4	Sept. 18	Sept. 4 — Sept. 18	no
	10 week	Sept. 11	Sept. 25	Sept. 11 — Sept. 25	no
	9 week	Sept. 18	Oct. 2	Sept. 18 — Oct. 2	no
December 11	11 week	Sept. 11	Sept. 25	Sept. 11 — Sept. 25	no
	10 week	Sept. 18	Oct. 2	Sept. 18 — Oct. 2	no
	9 week	Sept. 25	Oct. 9	Sept. 25 — Oct. 9	no
December 18	11 week	Sept. 18	Oct. 2	Sept. 18 — Oct. 2	no
	10 week	Sept. 25	Oct. 9	Sept. 25 — Oct. 9	no
	9 week	Oct. 2	Oct. 16	Oct. 2 — Oct. 16	no
December 25	11 week	Sept. 25	Oct. 9	Sept. 25 — Oct. 9	no
	10 week	Oct. 2	Oct. 16	Oct. 2 — Oct. 16	no
	9 week	Oct. 2	Oct. 23	Oct. 2 — Oct. 23	no
January 1 1962	11 week	Oct. 2	Oct. 16	Oct. 2 — Oct. 16	no
	10 week	Oct. 2	Oct. 23	Oct. 2 — Oct. 23	no
	9 week	Oct. 9	Oct. 30	Oct. 9 — Oct. 30	no
January 8	11 week	Oct. 2	Oct. 23	Oct. 2 — Oct. 23	no
	10 week	Oct. 9	Oct. 30	Oct. 9 — Oct. 30	no
	9 week	Oct. 16	Nov. 6	Oct. 16 — Nov. 6	no
January 15	11 week	Oct. 9	Oct. 30	Oct. 9 — Oct. 30	no
	10 week	Oct. 16	Nov. 6	Oct. 16 — Nov. 6	no
	9 week	Oct. 23	Nov. 13	Oct. 23 — Nov. 13	no
January 22	11 week	Oct. 16	Nov. 6	Oct. 16 — Nov. 6	no
	10 week	Oct. 23	Nov. 13	Oct. 23 — Nov. 13	no
	9 week	Oct. 30	Nov. 20	Oct. 30 — Nov. 20	no
January 29	11 week	Oct. 23	Nov. 13	Oct. 23 — Nov. 13	no
	10 week	Oct. 30	Nov. 20	Oct. 30 — Nov. 20	no
	9 week	Nov. 6	Nov. 27	Nov. 6 — Nov. 27	no
February 5	11 week	Oct. 30	Nov. 20	Oct. 30 — Nov. 20	no
	10 week	Nov. 6	Nov. 27	Nov. 6 — Nov. 27	no
	9 week	Nov. 13	Dec. 4	Nov. 13 — Dec. 4	no
February 12	11 week	Nov. 6	Nov. 27	Nov. 6 — Nov. 27	no
	10 week	Nov. 13	Dec. 4	Nov. 13 — Dec. 4	no
	9 week	Nov. 20	Dec. 11	Nov. 20 — Dec. 11	no
February 19	11 week	Nov. 13	Dec. 4	Nov. 13 — Dec. 4	no
	10 week	Nov. 20	Dec. 11	Nov. 20 — Dec. 11	no
	9 week	Nov. 27	Dec. 18	Nov. 27 — Dec. 18	no
February 26	11 week	Nov. 20	Dec. 11	Nov. 20 — Dec. 11	no
	10 week	Nov. 27	Dec. 18	Nov. 27 — Dec. 18	no
	9 week	Dec. 4	Dec. 25	Dec. 4 — Dec. 25	no
March 5	11 week	Nov. 27	Dec. 18	Nov. 27 — Dec. 18	no
	10 week	Dec. 4	Dec. 25	Dec. 4 — Dec. 25	no
	9 week	Dec. 11	Jan. 1	Dec. 11 — Jan. 1	no

1961 ORDER BLANK FOR

STAFFORD CONSERVATORIES, Inc.

STAFFORD SPRINGS, CONN., Telephone OVERland 4-2751

RECEIVED CHECK

ORDER NO.

Date of Order Your Order No.

SHIP TO

Ship Via

Date to Ship

Will accept substitutes if necessary ☐ Yes ☐ No
 Substitutions if necessary will be made as near as possible to color, type, and season, when order does not state "No Substitutes".

SPECIAL INSTRUCTIONS:

TERMS OF SALE: CASH — unless credit is established with us.

DISCOUNTS FOR CASH — EARLY ORDER — QUANTITY. See page 2 in catalogue.

C.O.D. ORDERS — must be accompanied by 1/4 the amount of the order in cash as guarantee of acceptance.

ALL SHIPMENTS MADE BY EXPRESS COLLECT UNLESS REQUESTED OTHERWISE.

PARCEL POST CHARGES — must be included on paid orders. Actual postage added to invoice on credit accounts.

MINIMUM ORDER 50 R. C. OF A VARIETY

OUR SELECTION OFFER

We will select Cuttings to meet your seasonal requirements at the prices below. Varieties will be selected by us from surplus stock at the time of shipment and cannot be restricted to other than Standards or Spray Types, Color and Flowering Period.

MINIMUM SHIPMENT AT THIS PRICE 300 R. C.

300 — 450
\$6.25 per 100

500 — 950
\$6.00 per 100

1000 and up
\$57.50 per 1000

SHIPMENTS UNDER 300 BILLED AT LIST PRICE FOR VARIETIES SUPPLIED

Orders calling for 1000 or more and restricted to 50 of a Variety will be billed at \$6.00 per 100

Discounts on Our Selection Orders —

5% for Cash 10% quantity discount on 10,000 or over.

SPRAY TYPES —

Quantity
 Flowering Period

STANDARDS —

Quantity
 Flowering Period

SHADE VARIETIES —

Standards
 Poms

Quantity	Variety	50 Only	Per 100	Per 100	Per 100	Per 100	Amt.
		Ea. Variety					
		Per 50	100-250	300-450	500-950	1000 up	

WHITE STANDARDS

.....	White Pink Chief	3.50	6.75	6.50	6.25	6.00	.....
.....	Silver Sheen	3.63	7.00	6.75	6.50	6.25	.....
.....	Marblehead	3.88	7.50	7.25	7.00	6.75	.....
.....	Queen's Lace	3.75	7.25	7.00	6.75	6.50	.....
.....	Wilson's White	3.88	7.50	7.25	7.00	6.75	.....
.....	Donlope's Wh. Spider	4.13	8.00	7.75	7.50	7.25	.....
.....	Giant Betsy Ross	3.25	6.25	6.00	5.75	5.50	.....
.....	Ind. White	3.25	6.25	6.00	5.75	5.50	.....
.....	Imp. Ind. White	3.25	6.25	6.00	5.75	5.50	.....
.....	#3 Ind. White	3.25	6.25	6.00	5.75	5.50	.....
.....	Oregon	3.38	6.50	6.25	6.00	5.75	.....
.....	Nightingale	4.13	8.00	7.75	7.50	7.25	.....
.....	Fred Shoemith	3.50	6.75	6.50	6.25	6.00	.....
.....	Mefo	3.25	6.25	6.00	5.75	5.50	.....
.....	Marketeer	3.75	7.25	7.00	6.75	6.50	.....
.....	Imp. Wh. Peter John	4.13	8.00	7.75	7.50	7.25	.....
.....	Chattanooga	3.75	7.25	7.00	6.75	6.50	.....
.....	December Glory	4.25	8.25	8.00	7.75	7.50	.....
.....	Smith's L. White	3.75	7.25	7.00	6.75	6.50	.....

Quantity	Variety	50 Only	Per 100	Per 100	Per 100	Per 100	Amt.
		Ea. Variety					
		Per 50	100-250	300-450	500-950	1000 up	

YELLOW STANDARDS

.....	Gold Lode	3.75	7.25	7.00	6.75	6.50	.....
.....	Mrs. Kidder	3.63	7.00	6.75	6.50	6.25	.....
.....	Blazing Gold	3.88	7.50	7.25	7.00	6.75	.....
.....	Sunglow	4.13	8.00	7.75	7.50	7.25	.....
.....	Luyona	3.50	6.75	6.50	6.25	6.00	.....
.....	Yellow Marblehead	3.75	7.25	7.00	6.75	6.50	.....
.....	Golden Marblehead	4.13	8.00	7.75	7.50	7.25	.....
.....	Yellow Lace	4.13	8.00	7.75	7.50	7.25	.....
.....	Good News	3.50	6.75	6.50	6.25	6.00	.....
.....	Golden Boy	4.25	8.25	8.00	7.75	7.50	.....
.....	Ind. Yellow	3.25	6.25	6.00	5.75	5.50	.....
.....	Imp. Ind. Yellow	3.25	6.25	6.00	5.75	5.50	.....
.....	Oregon Trail	4.50	8.75	8.50	8.25	8.00	.....
.....	Yellow Delaware	3.25	6.25	6.00	5.75	5.50	.....
.....	Yellow Princess Anne	4.00	7.75	7.50	7.25	7.00	.....
.....	Golden Princess Anne	4.00	7.75	7.50	7.25	7.00	.....
.....	Golden F. Shoemith	3.88	7.50	7.25	7.00	6.75	.....
.....	Yellow Shoemith	3.63	7.00	6.75	6.50	6.25	.....
.....	Yellow Mefo	3.50	6.75	6.50	6.25	6.00	.....
.....	Cream Mefo	3.88	7.50	7.25	7.00	6.75	.....

Quantity	Variety	50 Only Per 50 Ea. Variety	Per 100 100-250	Per 100 300-450	Per 100 500-950	Per 100 1000 up	Amt.
.....	Yellow Marketeer	4.25	8.25	8.00	7.75	7.50	.....
.....	Bonnaffon DeLuxe	3.25	6.25	6.00	5.75	5.50	.....
.....	Harvester	3.63	7.00	6.75	6.50	6.25	.....
.....	Marie DePetris	3.88	7.50	7.25	7.00	6.75	.....
.....	Dark Yel. Chattanooga	3.88	7.50	7.25	7.00	6.75	.....
.....	Golden Pearson	4.00	7.75	7.50	7.25	7.00	.....
.....	Golden Mrs. Ross	3.75	7.25	7.00	6.75	6.50	.....
.....	Smith's Yellow	4.00	7.75	7.50	7.25	7.00	.....
.....	Tobin's Yellow	3.75	7.25	7.00	6.75	6.50	.....

BRONZE & RED STANDARDS

.....	Bronze Palmero	4.50	8.75	8.50	8.25	8.00	.....
.....	Detroit News	3.75	7.25	7.00	6.75	6.50	.....
.....	Fred Yule	4.00	7.75	7.50	7.25	7.00	.....
.....	Waikiki	4.50	8.75	8.50	8.25	8.00	.....
.....	Ind. Bronze	3.25	6.25	6.00	5.75	5.50	.....
.....	Dark Ind. Bronze	3.25	6.25	6.00	5.75	5.50	.....
.....	Delaware	3.25	6.25	6.00	5.75	5.50	.....
.....	Mrs. Roy	3.88	7.50	7.25	7.00	6.75	.....
.....	Balcombe Perfection	4.13	8.00	7.75	7.50	7.25	.....
.....	Red Balcombe Perf.	4.13	8.00	7.75	7.50	7.25	.....
.....	Mrs. Eisenhower	4.50	8.75	8.50	8.25	8.00	.....
.....	Beacon	4.50	8.75	8.50	8.25	8.00	.....
.....	Calvert's Gold	4.00	7.75	7.50	7.25	7.00	.....
.....	Valentine	4.00	7.75	7.50	7.25	7.00	.....
.....	Gladys Pearson	4.00	7.75	7.50	7.25	7.00	.....
.....	#2 Oak Leaf	3.75	7.25	7.00	6.75	6.50	.....

PINK STANDARDS

.....	Pink Chief	4.00	7.75	7.50	7.25	7.00	.....
.....	Bunbu	3.75	7.25	7.00	6.75	6.50	.....
.....	Blue Ribbon	3.63	7.00	6.75	6.50	6.25	.....
.....	Ind. Pink	3.25	6.25	6.00	5.75	5.50	.....
.....	Dk. Orchid Queen	4.00	7.75	7.50	7.25	7.00	.....
.....	Laughter	3.88	7.50	7.25	7.00	6.75	.....
.....	Princess Anne	3.75	7.25	7.00	6.75	6.50	.....
.....	Pink Fred Shoemith	4.50	8.75	8.50	8.25	8.00	.....
.....	Calvert's Pink	4.25	8.25	8.00	7.75	7.50	.....
.....	Thanksgiving Pink	4.00	7.75	7.50	7.25	7.00	.....
.....	Pink Peter John	4.00	7.75	7.50	7.25	7.00	.....
.....	Rose Harrison	4.25	8.25	8.00	7.75	7.50	.....
.....	Pink Mistletoe	4.13	8.00	7.75	7.50	7.25	.....

WHITE POMPON TYPES

.....	Chris. Columbus	4.50	8.75	8.50	8.25	8.00	.....
.....	Horizon	3.75	7.25	7.00	6.75	6.50	.....
.....	Silverplate	4.50	8.75	8.50	8.25	8.00	.....
.....	Blizzard	4.13	8.00	7.75	7.50	7.25	.....
.....	Pristine	4.25	8.25	8.00	7.75	7.50	.....

Quantity	Variety	50 Only Per 50 Ea. Variety	Per 100 100-250	Per 100 300-450	Per 100 500-950	Per 100 1000 up	Amt.
.....	Popcorn	4.00	7.75	7.50	7.25	7.00	.....
.....	White Popcorn	3.50	6.75	6.50	6.25	6.00	.....
.....	Keepsake	3.75	7.25	7.00	6.75	6.50	.....
.....	White Keepsake	3.63	7.00	6.75	6.50	6.25	.....
.....	Pinocchio	3.38	6.50	6.25	6.00	5.75	.....
.....	Songster	4.50	8.75	8.50	8.25	8.00	.....
.....	Memento	3.63	7.00	6.75	6.50	6.25	.....
.....	Whitechip	4.50	8.75	8.50	8.25	8.00	.....
.....	Sea Gull	3.88	7.50	7.25	7.00	6.75	.....
.....	Alaska	3.50	6.75	6.50	6.25	6.00	.....
.....	Thistledown	4.00	7.75	7.50	7.25	7.00	.....
.....	Iceberg	3.25	6.25	6.00	5.75	5.50	.....
.....	Whitetop	3.25	6.25	6.00	5.75	5.50	.....
.....	Supertop	3.50	6.75	6.50	6.25	6.00	.....
.....	Feathertop	4.00	7.75	7.50	7.25	7.00	.....
.....	Encore	3.88	7.50	7.25	7.00	6.75	.....
.....	Whiterion	4.50	8.75	8.50	8.25	8.00	.....
.....	Shasta	3.25	6.25	6.00	5.75	5.50	.....
.....	White Pennant	4.50	8.75	8.50	8.25	8.00	.....
.....	Little America	3.50	6.75	6.50	6.25	6.00	.....
.....	Illini Igloo	3.50	6.75	6.50	6.25	6.00	.....
.....	Illini Snowdrift	3.38	6.50	6.25	6.00	5.75	.....
.....	Sculpture	4.13	8.00	7.75	7.50	7.25	.....
.....	White Taffeta	3.88	7.50	7.25	7.00	6.75	.....
.....	Seafoam	4.25	8.25	8.00	7.75	7.50	.....
.....	L. I. Beauty	3.63	7.00	6.75	6.50	6.25	.....
.....	Highbrow	3.75	7.25	7.00	6.75	6.50	.....
.....	Priscilla	4.00	7.75	7.50	7.25	7.00	.....
.....	Greco's Carnation	4.50	8.75	8.50	8.25	8.00	.....
.....	White Delmar	3.88	7.50	7.25	7.00	6.75	.....
.....	Nevada	4.50	8.75	8.50	8.25	8.00	.....
.....	Paramount	4.50	8.75	8.50	8.25	8.00	.....
.....	Belray	4.13	8.00	7.75	7.50	7.25	.....
.....	Illini Peace	4.50	8.75	8.50	8.25	8.00	.....
.....	White Valencia	4.00	7.75	7.50	7.25	7.00	.....
.....	Fortune	4.50	8.75	8.50	8.25	8.00	.....
.....	Acclaim	3.75	7.25	7.00	6.75	6.50	.....
.....	Illini Alba	4.50	8.75	8.50	8.25	8.00	.....
.....	Illini Starlet	4.38	8.50	8.25	8.00	7.75	.....
.....	Icecap	3.25	6.25	6.00	5.75	5.50	.....
.....	White Minstrel	4.50	8.75	8.50	8.25	8.00	.....
.....	Silversmith	3.63	7.00	6.75	6.50	6.25	.....
.....	Snowcap	3.75	7.25	7.00	6.75	6.50	.....
.....	Garza	3.88	7.50	7.25	7.00	6.75	.....
.....	Wedding Bells	4.00	7.75	7.50	7.25	7.00	.....
.....	Elegance	3.88	7.50	7.25	7.00	6.75	.....
.....	Revelation	3.50	6.75	6.50	6.25	6.00	.....
.....	Snow	3.75	7.25	7.00	6.75	6.50	.....
.....	Talmeda	4.00	7.75	7.50	7.25	7.00	.....

Quantity	Variety	50 Only Per 50 Ea. Variety	Per 100 100-250	Per 100 300-450	Per 100 500-950	Per 100 1000 up	Amt.
.....	Illini Snowbound	4.00	7.75	7.50	7.25	7.00	.....
.....	Illini Cascade	3.75	7.25	7.00	6.75	6.50	.....

YELLOW POMPON TYPES

.....	Yel. Chris. Columbus	4.50	8.75	8.50	8.25	8.00	.....
.....	Charles Nye	4.25	8.25	8.00	7.75	7.50	.....
.....	Sarasota	4.00	7.75	7.50	7.25	7.00	.....
.....	Yellow Calumet	4.50	8.75	8.50	8.25	8.00	.....
.....	Golden Herald	3.75	7.25	7.00	6.75	6.50	.....
.....	Gold Coast	3.38	6.50	6.25	6.00	5.75	.....
.....	Happiness	3.63	7.00	6.75	6.50	6.25	.....
.....	Sauterne	4.13	8.00	7.75	7.50	7.25	.....
.....	#2 Dandy	4.13	8.00	7.75	7.50	7.25	.....
.....	Yellowchip	3.75	7.25	7.00	6.75	6.50	.....
.....	Sunray	4.13	8.00	7.75	7.50	7.25	.....
.....	Yellow Beauregard	3.50	6.75	6.50	6.25	6.00	.....
.....	Yellowtop	4.00	7.75	7.50	7.25	7.00	.....
.....	Yellow Iceberg	3.25	6.25	6.00	5.75	5.50	.....
.....	#2 Yellow Iceberg	3.50	6.75	6.50	6.25	6.00	.....
.....	Luxury	3.75	7.25	7.00	6.75	6.50	.....
.....	Heyday	3.63	7.00	6.75	6.50	6.25	.....
.....	Yellow Shasta	3.25	6.25	6.00	5.75	5.50	.....
.....	Golden Shasta	4.25	8.25	8.00	7.75	7.50	.....
.....	Yellow Igloo	3.63	7.00	6.75	6.50	6.25	.....
.....	Yellow Ill. Snowdrift	4.13	8.00	7.75	7.50	7.25	.....
.....	Yellow Taffeta	4.50	8.75	8.50	8.25	8.00	.....
.....	Yellow Sculpture	4.50	8.75	8.50	8.25	8.00	.....
.....	Golden Chord	3.75	7.25	7.00	6.75	6.50	.....
.....	Forty-Niner	3.88	7.50	7.25	7.00	6.75	.....
.....	Souvenir	4.25	8.25	8.00	7.75	7.50	.....
.....	Gold Ball	4.13	8.00	7.75	7.50	7.25	.....
.....	Illini Goldrift	4.50	8.75	8.50	8.25	8.00	.....
.....	Yellow L. I. Beauty	4.00	7.75	7.50	7.25	7.00	.....
.....	Yellow Highbrow	4.00	7.75	7.50	7.25	7.00	.....
.....	Lollipop	3.75	7.25	7.00	6.75	6.50	.....
.....	Pippin	3.88	7.50	7.25	7.00	6.75	.....
.....	Illini Sunspot	4.50	8.75	8.50	8.25	8.00	.....
.....	Sultan	4.50	8.75	8.50	8.25	8.00	.....
.....	Illini Wampum	3.88	7.50	7.25	7.00	6.75	.....
.....	Goldsmith	4.13	8.00	7.75	7.50	7.25	.....
.....	Highlander	4.13	8.00	7.75	7.50	7.25	.....
.....	Sunnyside	3.50	6.75	6.50	6.25	6.00	.....
.....	Yellow Valencia	4.00	7.75	7.50	7.25	7.00	.....
.....	Yellow Galaxy	3.75	7.25	7.00	6.75	6.50	.....
.....	Yellow Fortune	4.50	8.75	8.50	8.25	8.00	.....
.....	Golden Acclaim	3.88	7.50	7.25	7.00	6.75	.....
.....	Coronation	3.88	7.50	7.25	7.00	6.75	.....
.....	Corsair	3.63	7.00	6.75	6.50	6.25	.....
.....	Yellow Garza	4.00	7.75	7.50	7.25	7.00	.....
.....	Shamrock	4.13	8.00	7.75	7.50	7.25	.....

Quantity	Variety	50 Only Per 50 Ea. Variety	Per 100 100-250	Per 100 300-450	Per 100 500-950	Per 100 1000 up	Amt.
.....	Vibrant	3.75	7.25	7.00	6.75	6.50	.....
.....	Sunrise	4.00	7.75	7.50	7.25	7.00	.....
.....	Golden Elegance	4.13	8.00	7.75	7.50	7.25	.....
.....	Yuleflame	4.38	8.50	8.25	8.00	7.75	.....
.....	Yellow Snow	3.75	7.25	7.00	6.75	6.50	.....
.....	Yellow Snowbound	4.00	7.75	7.50	7.25	7.00	.....

BRONZE & RED POMPON TYPES

.....	Huntsman	3.88	7.50	7.25	7.00	6.75	.....
.....	Carnival	4.50	8.75	8.50	8.25	8.00	.....
.....	Calumet	4.25	8.25	8.00	7.75	7.50	.....
.....	Rajah	4.50	8.75	8.50	8.25	8.00	.....
.....	Radiance	4.50	8.75	8.50	8.25	8.00	.....
.....	James Stewart	4.38	8.50	8.25	8.00	7.75	.....
.....	Firebird	4.50	8.75	8.50	8.25	8.00	.....
.....	Bronze Dot	3.75	7.25	7.00	6.75	6.50	.....
.....	Buckskin	3.63	7.00	6.75	6.50	6.25	.....
.....	Navaho	4.38	8.50	8.25	8.00	7.75	.....
.....	Bronzechip	3.50	6.75	6.50	6.25	6.00	.....
.....	Copperchip	4.38	8.50	8.25	8.00	7.75	.....
.....	Nectarine	4.50	8.75	8.50	8.25	8.00	.....
.....	Jetfire	3.88	7.50	7.25	7.00	6.75	.....
.....	Red Jetfire	4.25	8.25	8.00	7.75	7.50	.....
.....	Or. Beauregard	4.00	7.75	7.50	7.25	7.00	.....
.....	Beauregard	3.50	6.75	6.50	6.25	6.00	.....
.....	Dillon Beauregard	3.63	7.00	6.75	6.50	6.25	.....
.....	Bronze Delight	4.50	8.75	8.50	8.25	8.00	.....
.....	Vulcan	4.50	8.75	8.50	8.25	8.00	.....
.....	Rubicon	3.75	7.25	7.00	6.75	6.50	.....
.....	Bittersweet	4.13	8.00	7.75	7.50	7.25	.....
.....	Dk. Br. Masterpiece	4.38	8.50	8.25	8.00	7.75	.....
.....	Paragon	4.25	8.25	8.00	7.75	7.50	.....
.....	Beauregard Supreme	3.75	7.25	7.00	6.75	6.50	.....
.....	Ranger	4.50	8.75	8.50	8.25	8.00	.....
.....	Br. Taffeta	4.25	8.25	8.00	7.75	7.50	.....
.....	Legal Tender	4.25	8.25	8.00	7.75	7.50	.....
.....	Rusticon	4.00	7.75	7.50	7.25	7.00	.....
.....	Thelma	3.63	7.00	6.75	6.50	6.25	.....
.....	Rubaiyat	3.63	7.00	6.75	6.50	6.25	.....
.....	Olnura	4.50	8.75	8.50	8.25	8.00	.....
.....	Festival	4.50	8.75	8.50	8.25	8.00	.....
.....	Red Rolinda	4.00	7.75	7.50	7.25	7.00	.....
.....	Illini Redwood	4.13	8.00	7.75	7.50	7.25	.....
.....	Br. Goldsmith	4.25	8.25	8.00	7.75	7.50	.....
.....	Apricot Valencia	4.13	8.00	7.75	7.50	7.25	.....
.....	Galaxy	3.88	7.50	7.25	7.00	6.75	.....
.....	Crackerjack	4.00	7.75	7.50	7.25	7.00	.....
.....	Debonair	4.25	8.25	8.00	7.75	7.50	.....
.....	Flame Minstrel	4.50	8.75	8.50	8.25	8.00	.....
.....	Christmas Star	4.00	7.75	7.50	7.25	7.00	.....

Quantity	Variety	50 Only Per 50 Ea. Variety	Per 100 100-250	Per 100 300-450	Per 100 500-950	Per 100 1000 up	Amt.
.....	Christmas Greetings	3.88	7.50	7.25	7.00	6.75	.....
.....	Merrymaker	4.00	7.75	7.50	7.25	7.00	.....
.....	Poinsettia	3.88	7.50	7.25	7.00	6.75	.....

PINK POMPON TYPES

.....	Lassie	4.00	7.75	7.50	7.25	7.00	.....
.....	Jewell	4.38	8.50	8.25	8.00	7.75	.....
.....	Enterprise	4.38	8.50	8.25	8.00	7.75	.....
.....	Carolyn Yosick	4.38	8.50	8.25	8.00	7.75	.....
.....	Pinkette	4.00	7.75	7.50	7.25	7.00	.....
.....	Reward	3.63	7.00	6.75	6.50	6.25	.....
.....	Pink Dot	4.00	7.75	7.50	7.25	7.00	.....
.....	Cherrychip	4.38	8.50	8.25	8.00	7.75	.....
.....	Bluechip	3.25	6.25	6.00	5.75	5.50	.....
.....	Pinkchip	4.00	7.75	7.50	7.25	7.00	.....
.....	Darkchip	3.25	6.25	6.00	5.75	5.50	.....
.....	Parisienne	3.75	7.25	7.00	6.75	6.50	.....
.....	Delight	3.63	7.00	6.75	6.50	6.25	.....
.....	Criterion	3.75	7.25	7.00	6.75	6.50	.....
.....	Portrait	3.50	6.75	6.50	6.25	6.00	.....

Quantity	Variety	50 Only Per 50 Ea. Variety	Per 100 100-250	Per 100 300-450	Per 100 500-950	Per 100 1000 up	Amt.
.....	Pennant	3.63	7.00	6.75	6.50	6.25	.....
.....	Pandora	4.50	8.75	8.50	8.25	8.00	.....
.....	Humdinger	3.75	7.25	7.00	6.75	6.50	.....
.....	Personality	3.63	7.00	6.75	6.50	6.25	.....
.....	Masterpiece	4.25	8.25	8.00	7.75	7.50	.....
.....	Vedova	4.00	7.75	7.50	7.25	7.00	.....
.....	Jubilation	4.25	8.25	8.00	7.75	7.50	.....
.....	Taffeta	3.88	7.50	7.25	7.00	6.75	.....
.....	Almega	4.13	8.00	7.75	7.50	7.25	.....
.....	Delmar	3.63	7.00	6.75	6.50	6.25	.....
.....	Pink L. I. Beauty	4.38	8.50	8.25	8.00	7.75	.....
.....	Illini Formal	4.50	8.75	8.50	8.25	8.00	.....
.....	Valencia	4.00	7.75	7.50	7.25	7.00	.....
.....	Dark Pk. Valencia	4.13	8.00	7.75	7.50	7.25	.....
.....	Enchantress	4.00	7.75	7.50	7.25	7.00	.....
.....	Debutante	3.88	7.50	7.25	7.00	6.75	.....
.....	Minstrel	4.00	7.75	7.50	7.25	7.00	.....
.....	Gay Minstrel	4.25	8.25	8.00	7.75	7.50	.....
.....	Alvoda	3.75	7.25	7.00	6.75	6.50	.....
.....	Defiance	4.38	8.50	8.25	8.00	7.75	.....

GARDEN VARIETIES

WHITE

.....	Crystal Maid	4.00	7.75	7.50	7.25	7.00	.....
.....	White Cushion	4.00	7.75	7.50	7.25	7.00	.....
.....	Benora	4.38	8.50	8.25	8.00	7.75	.....
.....	Jessamine Williams	4.50	8.75	8.50	8.25	8.00	.....
.....	Ostosa	4.25	8.25	8.00	7.75	7.50	.....
.....	Gloria	4.50	8.75	8.50	8.25	8.00	.....
.....	Mt. Hood	4.38	8.50	8.25	8.00	7.75	.....
.....	Chris. Columbus	4.50	8.75	8.50	8.25	8.00	.....
.....	Lyric	4.00	7.75	7.50	7.25	7.00	.....
.....	Kansas	4.38	8.50	8.25	8.00	7.75	.....
.....	Mitsie	4.38	8.50	8.25	8.00	7.75	.....
.....	Horizon	3.75	7.25	7.00	6.75	6.50	.....
.....	Silverplate	4.50	8.75	8.50	8.25	8.00	.....
.....	Blizzard	4.13	8.00	7.75	7.50	7.25	.....

YELLOW

.....	Cortis Rice	4.50	8.75	8.50	8.25	8.00	.....
.....	Yellow Cushion	4.38	8.50	8.25	8.00	7.75	.....
.....	Pomponette	3.75	7.25	7.00	6.75	6.50	.....
.....	Golden Fantasy	4.50	8.75	8.50	8.25	8.00	.....
.....	September Sunshine	3.75	7.25	7.00	6.75	6.50	.....
.....	Tranquility	4.00	7.75	7.50	7.25	7.00	.....
.....	Honeycomb	4.00	7.75	7.50	7.25	7.00	.....
.....	Yellow Supreme	3.75	7.25	7.00	6.75	6.50	.....
.....	Kings Ransom	4.50	8.75	8.50	8.25	8.00	.....
.....	Yel. Chris. Columbus	4.50	8.75	8.50	8.25	8.00	.....
.....	Chiquita	4.38	8.50	8.25	8.00	7.75	.....
.....	Astoria	4.50	8.75	8.50	8.25	8.00	.....
.....	Charles Nye	4.25	8.25	8.00	7.75	7.50	.....
.....	Yellow Calumet	4.50	8.75	8.50	8.25	8.00	.....
.....	Sarasota	4.00	7.75	7.50	7.25	7.00	.....

BRONZE & RED

.....	Glow Worm	4.00	7.75	7.50	7.25	7.00	.....
.....	Toronto	4.50	8.75	8.50	8.25	8.00	.....
.....	Scarlet Crimson	3.88	7.50	7.25	7.00	6.75	.....
.....	Campaigner	4.50	8.75	8.50	8.25	8.00	.....
.....	Ruby Mound	4.50	8.75	8.50	8.25	8.00	.....
.....	Flamboyant	4.00	7.75	7.50	7.25	7.00	.....
.....	Champion Cushion	4.38	8.50	8.25	8.00	7.75	.....
.....	Commander Cushion	4.38	8.50	8.25	8.00	7.75	.....
.....	Remembrance	4.50	8.75	8.50	8.25	8.00	.....
.....	Lipstick	4.50	8.75	8.50	8.25	8.00	.....
.....	W. P. Snyder	4.25	8.25	8.00	7.75	7.50	.....
.....	Huntsman	3.88	7.50	7.25	7.00	6.75	.....
.....	Dolli-Ette	4.50	8.75	8.50	8.25	8.00	.....
.....	Carnival	4.50	8.75	8.50	8.25	8.00	.....
.....	Calumet	4.25	8.25	8.00	7.75	7.50	.....
.....	Rajah	4.50	8.75	8.50	8.25	8.00	.....
.....	Radiance	4.50	8.75	8.50	8.25	8.00	.....
.....	James Stewart	4.38	8.50	8.25	8.00	7.75	.....

PINK

.....	Joan Helen	3.75	7.25	7.00	6.75	6.50	.....
.....	Alert	4.50	8.75	8.50	8.25	8.00	.....
.....	Minnpink	4.50	8.75	8.50	8.25	8.00	.....
.....	Loveliness	4.38	8.50	8.25	8.00	7.75	.....
.....	Major Cushion	4.38	8.50	8.25	8.00	7.75	.....
.....	Mischief	4.50	8.75	8.50	8.25	8.00	.....
.....	Spellbound	4.50	8.75	8.50	8.25	8.00	.....
.....	Ann Ladygo	4.13	8.00	7.75	7.50	7.25	.....
.....	Lassie	4.00	7.75	7.50	7.25	7.00	.....
.....	Joybringer	4.50	8.75	8.50	8.25	8.00	.....
.....	Fuschia Fairy	4.50	8.75	8.50	8.25	8.00	.....
.....	Jewell	4.38	8.50	8.25	8.00	7.75	.....
.....	Enterprise	4.38	8.50	8.25	8.00	7.75	.....

GARDEN VARIETIES FOR SPRING POT PLANTS

In recent years there has been evidenced a rapidly increasing demand for pot plants with lasting qualities, as noted by the increased sales of Pot Mums for the Spring Holidays. This demand is being further enlarged by the use of Hardy Mums during the Spring months as they offer the additional sales appeal of being used again by the purchaser for fall blooming in the garden.

These attractive, colorful pots can best be timed for the different holidays by the use of lights and black cloth, but they also may be brought in with slightly less accuracy without the use of lights or shade. (See schedules below.)

Many growers, besides finding ready sales for the five or six inch pot, have found a nice additional Cash and Carry Market for the three inch pot (one cutting — single pinch), and for the market pack or flat of Spring Hardies, solid colors or mixed.

The cuttings should be ordered to arrive one or two weeks ahead of pinch date. For delayed start they may be planted and pinched on pinch date.

Pot and place under artificial lights upon arrival. Use 60 Watt bulbs placed four feet apart and thirty inches above the plants. It is best to light for three hours during the middle of the night. Maintain a sixty degree night temperature until buds are well developed.

GARDEN VARIETIES FOR POTS

WHITE	YELLOW	RED & BRONZE	PINK
Crystal Maid	Yel. Chris Columbus	Lipstick	Spellbound
Benora	Kings Ransom	Remembrance	Alert
Ostosa	Astoria	Toronto	Ann Ladygo
Jess Williams	Yel. Calumet	W. P. Snyder	Mischief
Gloria	Pomponette	Calumet	Major Cushion
Kansas	Honeycomb	Dolli-Ette	Joan Helen
Chris Columbus	Chiquita	Radiance	Minnpink
Mitsie	Sept. Sunshine	Ruby Mound	Fuschia Fairy

SINGLE PINCH METHOD

EASTER — April 2	MOTHER'S DAY — May 14	MEMORIAL DAY — May 30
Plant & Light — Jan. 16 - 23	Plant & Light — Feb. 28 - Mar. 6	Plant & Light — March 13 - 20
Pinch — Feb. 6	Pinch — Mar. 20	Pinch — April 3
Lights Off — Feb. 6	Lights off — Mar. 20	Lights Off — April 3
Shade — None	Start Shade — Apr. 3	Start Shade — April 3

*DOUBLE PINCH METHOD

Plant and light four weeks earlier and pinch one week after planting. Second pinch should be made on date given in single Pinch Method.

3" POT — NO LIGHTS

NO SHADE — ONE PINCH

For Mid-May flowering the cuttings should be planted and pinched by mid March. For Late May flowering the cuttings should be planted and pinched by 1st week of April. An attempt to flower these varieties later than May 25th without shade is not recommended.

Remember that temperature of 60 degrees must be maintained.

Plunging 3" pots in soil and peat eliminates extensive watering.

GARDEN VARIETIES

VARIETY	MATURES	PRICES PER 50
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VARIETY	MATURES	PRICES PER 50
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WHITE

CRYSTAL MAID Sept. 12 4.00
Decorative type, cream pompon. Low growing that is suited for borders. Responds well to Spring Pot plant culture.

WHITE CUSHION Sept. 15 4.00
Low growing for border plantings. White decorative type flower with slight pink shadings in buds. Blooms earlier second year.

BENORA Sept. 20 4.38
Dwarf type growth providing large flowers on rigid stems. Spreading well shaped plant. Good for pots.

JESSAMINE WILLIAMS Sept. 25 4.50
White quilled type spoon. Vigorous early free flowering variety of medium height. Showy — 3" pot.

OSTOSA Sept. 25 4.25
An intermediate paper white pompon on a semi-dwarf plant. Early and very free flowering. One of the best whites for foreground planting.

GLORIA Sept. 25 4.50
Very free flowering Ivory White decorative pompon. Flowers are larger and more double than Chris. Columbus. Fine no light — no shade May pot variety.

MT. HOOD Sept. 28 4.38
Large flowering, pure white decorative. Prolific flowering habit. Durable blooms create a garden showpiece. Partial disbudding produces 4" to 5" flowers.

CHRIS. COLUMBUS Oct. 1 4.50

A pleasing cream colored medium sized decorative pom. Very prolific in the garden. Outstanding for Spring and Fall pots. Good cut flower variety.

LYRIC Oct. 5 4.00
A short growing white single or daisy type of good substance. Very useful for Spring pot plants.

KANSAS Oct. 5 4.38
Medium white decorative, compact growth habit. Durable flower on stiff pedicels. Exciting new white with sharp response and good breaking habit. Outstanding for Spring pots or border plantings.

MITSIE Oct. 5 4.38
Small round white pompon. Bushy compact growth habit with a profusion of bloom. One of the best whites for Spring pots. Improves Pepita.

HORIZON Oct. 5 3.75
Intermediate Pompon, pure white. Best cut flower variety in this early flowering period.

SILVERPLATE Oct. 12 4.50
Pure white decorative. Medium height making a good cut flower for garden use and for Pot plants.

BLIZZARD Oct. 15 4.13
Small formal pompon, clear white. Good cut flower.

YELLOW

CORTIS RICE Sept. 10 4.50
Large 5" buttercup yellow blooms. Perfect for accent planting, or for cut flowers for the home.

YELLOW CUSHION Sept. 15 4.38
A pleasing shade of yellow. Low growing decorative type for border plantings.

POMPONETTE Sept. 15 3.75
Low growing, intermediate golden yellow pompon. Very prolific and useful garden variety. Good for Spring Pot plants.

GOLDEN FANTASY Sept. 20 4.50
Bright golden carnation type decorative. Vigorous growing habit with an abundance of blooms on plant of medium height. A really striking variety for garden plantings.

SEPTEMBER SUNSHINE Sept. 20 3.75
Medium single, very prolific. Showy bright lemon. Responds well for Spring pot plants.

TRANQUILITY Sept. 25 4.00
Reliable primrose yellow decorative pompon for late September. Medium height.

HONEYCOMB Sept. 25 4.00
Small honey yellow button pompon. Short compact growth for foreground planting. Responds well for Spring pot plants.

YELLOW SUPREME Sept. 28 3.75
Bright lemon yellow, cushion border.

KINGS RANSOM Oct. 1 4.50
Large golden yellow decorative. Vigorous growth, prolific bloomer. Good Spring pot variety.

YELLOW CHRIS. COLUMBUS Oct. 1 4.50
Lemon yellow, intermediate decorative. One of the most popular for Spring pot plants. A good cut flower and prolific garden variety.

CHIQUITA Oct. 1 4.38
Small, deep lemon yellow button pompon. Chic for Spring and Fall pots. Intermediate garden variety.

ASTORIA Oct. 5 4.50
Intermediate bright lemon yellow pompon. Improvement over Yel. Chris. Columbus or Moonlight for Spring pot plants. Early foreground variety.

CHARLES NYE Oct. 5 4.25
Large deep yellow pompon. Excellent as cut flower. Showy and prolific garden variety.

YELLOW CALUMET Oct. 10 4.50
Lemon yellow sport of Calumet. Good early cut flower May be used for Spring Pots.

SARASOTA Oct. 15 4.00
Medium bright yellow pompon. Excellent cut flower.

GARDEN VARIETIES (Cont.)

VARIETY	MATURES	PRICES PER 50
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VARIETY	MATURES	PRICES PER 50
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BRONZE & RED

GLOW WORM	Sept. 10	4.00	Semi-double cushion, for border planting. Orange Scarlet.
TORONTO	Sept. 20	4.50	Pleasing bronze decorative. Prolific bloomer with short growth habit. Outstanding for pots and borders.
SCARLET CRIMSON	Sept. 20	3.88	Decorative type, bright red pompon. Medium height for secondary border in gardens.
CAMPAIGNER	Sept. 22	4.50	Beautiful, large flowering, bronze gold blooms. Medium in height, upright growth habit. Striking Fall tone. Dis-budding effective.
RUBY MOUND	Sept. 22	4.50	A new and exceptionally attractive bright ruby red with cushion type growth. Resists fading. Rivals Lipstick as Spring Pot plant or in the Garden where it blooms a week earlier.
FLAMBOYANT	Sept. 25	4.00	Decorative, secondary border and cut flower. Stately and lively, flaming orange bronze.
CHAMPION CUSHION	Sept. 25	4.38	Deep bronze decorative type pompon. Borders or Spring pots.
COMMANDER CUSHION	Sept. 25	4.38	Decorative type, red pompon. Borders or Spring pots.

REMEMBRANCE	Sept. 28	4.50	Large decorative, deep carmine. For pots and secondary borders in the garden.
LIPSTICK	Sept. 28	4.50	Attractive ruby colored Cushion pompon. Borders and Spring pots.
W. P. SNYDER	Oct. 1	4.25	Intermediate decorative. Bright apricot color, useful for garden and Spring pots. Medium height.
HUNTSMAN	Oct. 5	3.88	Scarlet orange decorative. Excellent garden cut flower, showy and dependable. Tall grower.
DOLLI-ETTE	Oct. 10	4.50	Striking golden bronze and red spoon. Sure fire variety for pots or garden.
CARNIVAL	Oct. 10	4.50	Large pompon. Glowing burnt orange. Good cut flower and background garden variety.
CALUMET	Oct. 10	4.25	Large decorative, brilliant apricot. Excellent as garden variety and for Spring pots.
RAJAH	Oct. 15	4.50	Intermediate single, rich red. Background and cut flower.
RADIANCE	Oct. 15	4.50	Intermediate decorative, non-fading red. Good for pots and garden work. Prolific and free breaking.
JAMES STEWART	Oct. 15	4.38	Small Apricot-gold pompon. Background and cut flower.

PINK

JOAN HELEN	Sept. 10	3.75	Intermediate pompon, deep purple. A brilliant garden variety. Exceptionally good as pot plant.
ALERT	Sept. 20	4.50	Large decorative dark purple pompon produced on well shaped plants. Flower more durable than Purple Waters. Especially good for Spring pots.
MINNPKINK	Sept. 25	4.50	Lovely rose pink cushion. Very compact with a pro-fusion of bloom. Improvement on Major Cushion in color and form. Good habit for Spring pots and border plantings.
LOVELINESS	Sept. 25	4.38	Carmine pink spoon with outstanding flower quality. Provides that something different for garden sales.
MAJOR CUSHION	Sept. 25	4.38	Decorative type lavender pompon. Good border variety and useful for Spring pot plants.
MISCHIEF	Oct. 1	4.50	Dark purple single with contrasting yellow center. Pro-fuse flowering and attractive as border variety or for Spring pot plants.

SPELLBOUND	Oct. 1	4.50	Intermediate decorative, pleasing lavender shade. Ideal as Spring pot plant. Height medium.
ANN LADYGO	Oct. 5	4.13	Medium pink anemone. Cushion type growth. One of the loveliest garden specimens to date. When in full flower the foliage is completely covered by beautiful pink anemones. The most exciting new Spring pot available.
LASSIE	Oct. 10	4.00	Large bright pink decorative. Very good cut flower for the garden and background planting.
JOYBRINGER	Oct. 10	4.50	Salmon rose pompon. Low branching and making an excellent garden variety. Ideally suited for Spring pot plants.
FUCHSIA FAIRY	Oct. 14	4.50	Lovely pink decorative. Cushion growth habit. Nice flower form for Spring Pots.
JEWELL	Oct. 15	4.38	Small pompon, lavender pink. Durable cut flower.
ENTERPRISE	Oct. 15	4.38	Large Amaranth rose pompon. Stately growth habit.

GARDEN VARIETY COLLECTIONS

If you are familiar with the better garden 'Mums we suggest you make the selection of varieties to suit your particular requirements. Such reservation will give your order preference in shipping.

For those who are not acquainted with the varieties we will select varieties for the collections listed below that you may desire. These varieties however will be selected from surplus stock at the time of delivery.

MINIMUM SHIPMENT AT THIS PRICE 300 R. C.

Orders calling for 1000 or more and restricted to 50 of a Variety billed at \$6.00 per 100.

Quantities under 300 billed at list price of varieties supplied.

300 — 450	500 — 950	1000 and up
6.25 per 100	\$6.00 per 100	\$5.75 per 100

DISCOUNTS ON COLLECTION PRICES

5% CASH DISCOUNT 30 Days

10% Discount on 10,000 R. C. or more

COLLECTION #1 — All cut flower varieties.

COLLECTION #3 — Cut-flower and border varieties.

COLLECTION #2 — Cushion or border varieties.

COLLECTION #4 — Varieties for Spring Pots.

LIGHTING REQUIREMENTS FOR GARDEN VARIETIES

Garden varieties for normal Fall Flowering may be planted directly to cold frames or fields in the month of May. However, many growers desire to start them in May in heated greenhouses. When this is done it is necessary to light the cuttings until the first of June to avoid premature bud development and the loss of vegetative growth.

PINCHING SCHEDULE FOR GARDEN CHRYSANTHEMUMS

Natural Flowering Date	Last Pinch Date for Cut Flowers	Last Pinch Date For Border Plants
Sept. 1	June 17	July 10-15
Sept. 15	June 24	July 15-20
Sept. 30	June 30	July 20-25
Oct. 10	July 5	July 25-30
Oct. 15	July 10	Aug. 1-5



For Large Flowers in the Garden

Try Mt. Hood, Cortis Rice, & Campaigner

Increase your Spring Cash and Carry Business —

A Market Pak of Spring Hardies, solid or mixed — Colorful

No Lights, No Shade Spring Pots

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White Taffeta	13
Whiterion	12
Whiteton	12
White Valencia	13
Wilson's White	7
W. P. Snyder	37

Y	
Yellow Beauregard	15
Yellowchip	14
Yellow Calumet	14, 36
Yellow Chris. Columbus	14, 36
Yellow Cushion	36
Yellow Delaware	8
Yellow Fortune	16
Yellow Galaxy	16
Yellow Garza	16
Yellow Highbrow	15
Yellow Iceberg	15
#2 Yellow Iceberg	15
Yellow Igloo	15
Yellow Ill. Snowdrift	15
Yellow Lace	8
Yellow L. I. Beauty	15
Yellow Marblehead	8
Yellow Marketeer	9
Yellow Mefo	9
Yellow Princess Anne	8
Yellow Sculpture	15
Yellow Shasta	15
Yellow Shoemith	9
Yellow Snow	16
Yellow Supreme	36
Yellowtop	15
Yellow Taffeta	15
Yellow Valencia	16
Yuleflame	16

1961

1961	JANUARY							1961
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1961	FEBRUARY							1961
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1961	MARCH							1961
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1961	APRIL							1961
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1961	MAY							1961
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1961	JUNE							1961
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1961	JULY							1961
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1961	AUGUST							1961
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1961	SEPTEMBER							1961
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1961	OCTOBER							1961
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1961	NOVEMBER							1961
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1961	DECEMBER							1961
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1962

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1962	DECEMBER							1962
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